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Due to ongoing testing and product research, ***FJC, Inc.*** reserves the right to change product design and price without notice.

New Products

Universal PAG w/UV Dye

Part# 2481
1 Gallon

Part# 2479
8 ounce

See Page 5

Vacuum Pumps

Part# 6905
1.5 CFM

Part# 6909
3 CFM

Part# 6912
5 CFM

See Page 23

R134a Adapters

Part# 2623
Part# 2624
Part# 2619

Part# 6919
Part# 6038

See Page 18

Variable Orifice Tubes

Part# 3131

Part# 3133

See Page 34

Brake Bleed Tools

Part# 41250
Part# 44320
Part# 44530

See Page 63

Radiator Tester

Part# 43650

A/C Specification Manual

Part# 2816

See Page 30

Master Cap and Value Core Assortment

Part# 2683

See Page 36

Service Item Assortment

Covers 1995-2005 Automobiles

Part# 4415

See Page 39

O'Ring Assortments

Chrysler
Part# 4287

Import
Part# 4300

See Pages 40-42

Application Specific O'Ring Assortments

Part# 4790
Part# 4792
Part# 4796
Part# 4798

See Page 59

Refrigerant Oil

OE Viscosity PAG Oil 46-100-150

PAG 46
Part # 2484 (8 oz)
Part # 2485 (Quart)
Part # 2486 (Gallon)

PAG 100
Part # 2487 (8 oz)
Part # 2488 (Quart)
Part # 2489 (Gallon)

PAG 150
Part # 2490 (8 oz)
Part # 2491 (Quart)
Part # 2492 (Gallon)

Synthetic PAG Oil for Mobile A/C Systems

- As Recommended by OE and Compressor Manufacturers
- For Use with R134a Only

OE Viscosity PAG Oil 46-100-150 with Fluorescent Leak Detection Dye

PAG 46
Part # 2493 (8 oz)
Part # 2494 (Quart)
Part # 2501 (Gallon)

PAG 100
Part # 2495 (8 oz)
Part # 2496 (Quart)
Part # 2502 (Gallon)

PAG 150
Part # 2498 (8 oz)
Part # 2499 (Quart)
Part # 2503 (Gallon)

- Saves Time over Existing Methods of Dye Injection
- For Use with R134a Only
- Can be Detected Using any UV Light

ATTENTION

A partial charge of PAG Oil with Fluorescent Leak Detection Dye will not provide enough dye for proper fluorescing. **Only** a full system charge during normal service will provide maximum fluorescing for the mobile A/C system. A partial charge may be added to a system which already contains dye.

OE PAG Oil Viscosity Chart

PAG Oil Viscosity for OE R134a A/C Systems

Vehicle Manufacturer	Compressor Manufacturer	Compressor Type	FJC PAG Oil Part#	FJC PAG Oil w/Dye Part#	OE Part#	Viscosity
Acura	Nippondenso	10PA, 10P	2484, 2485	2493, 2494	Acura #38899-PR7-A01 ND-8	46
Audi	Nippondenso		2484, 2485	2493, 2494	Audi #G-052-200-A2 ND-8	46
Audi	Zexel	DCW	2484, 2485	2493, 2494	Audi #G-052-300-A2 ZXL-100	46
BMW	Bosch		2484, 2485	2493, 2494	BMW #82-111-468-042	46
BMW	Nippondenso	10PA, 10P	2484, 2485	2493, 2494	BMW #82-111-468-042 ND-8	46
Chrysler	Nippondenso	10PA, 10P, 6P	2484, 2485	2493, 2494	Chrysler #82300102 ND-8	46
Chrysler	Sanden (piston type)	SBD709, SD709 SD71115	2487, 2488	2495, 2496	Chrysler #82300349 SP-20	100
Chrysler	Sanden (scroll type)	TRS-105, TRS-090	2484, 2485	2493, 2494	Chrysler #04886129AA	46
Chrysler	Mitsubishi	FX-105V, FX-105VS, FXA80, FX8	2484, 2485	2493, 2494	Chrysler #82300592 SP-56	46
Ford	Ford	All	2484, 2485	2493, 2494	F2AZ-19577-ACISCO Motorcraft #YN-12B	46
GM	Delphi	A6, DA6, HR6, R4 LTR4, V5, V7	2490, 2491	2498, 2499	GM #12345923 Delco #15-118	150
Honda	Diesel Kiki	DKV	2484, 2485	2493, 2494	ZXL-100PG	46
Honda	Hadsys	TC	2484, 2485	2493, 2494		46
Honda	Kiehen	HS	2487, 2488	2495, 2496		100
Honda	Matsushita	NL	2484, 2485	2493, 2494		46
Honda	Nippondenso	10P	2484, 2485	2493, 2494	ND-8	46
Honda	Sanden Scroll	TR	2484, 2485	2493, 2494	Honda #38897P13A01AH SP-10	46
Hyundai	Ford	FS10, FX15	2484, 2485	2493, 2494		46
Hyundai	Nippondenso	10PA, 10P	2484, 2485	2493, 2494	ND-8	46
Hyundai	Sanden	SD709	2487, 2488	2495, 2496		100
Infiniti	Calsonic	V5, V6	2484, 2485	2493, 2494		46
Infiniti	Diesel Kiki	DKS	2484, 2485	2493, 2494	ZXL-100PG	46
Lexus	Nippondenso	10PA, 10P	2484, 2485	2493, 2494	Lexus #08885-09107 ND-8	46
Mazda	Matsushita	NL, SA	2484, 2485	2493, 2494		46
Mazda	Sanden	SD508, SD510 SD709	2487, 2488	2495, 2496		100
Mazda	Nippondenso	10PA	2484, 2485	2493, 2494	ND-8	46
Mazda	Nippondenso	TV	2487, 2488	2495, 2496		100
Mazda	Ford	FS10, FX15	2484, 2485	2493, 2494		46
Mitsubishi	Nippondenso	10PA	2484, 2485	2493, 2494	ND-8	46
Mercedes Benz	GM	A6, R4	2490, 2491	2498, 2499	Delco #15-118	150
Mercedes Benz	Nippondenso	10PA, 10P	2484, 2485	2493, 2494	MB #001-989-0803 ND-8	46

OE PAG Oil Viscosity Chart

PAG Oil Viscosity for OE R134a A/C Systems

Vehicle Manufacturer	Compressor Manufacturer	Compressor Type	FJC PAG Oil Part#	FJC PAG Oil w/Dye Part#	OE Part#	Viscosity
Mercedes Benz	York	206, 209, 210	2487, 2488	2495, 2496	MB #001-989-0803	100
Nissan	ATSUGI	NVR140S	2484, 2485	2493, 2494	Nissan #KLH00-PAGR1 Type R	46
Nissan	Calsonic	V-6	2484, 2485	2493, 2494	Nissan #KLH00-PAGS1 Type S	46
Nissan	Ford	FS10	2484, 2485	2493, 2494	Nissan #KLH00-PAGQF Type F	46
Nissan	Hitachi	MJS170	2484, 2485	2493, 2494	Nissan #KLH00-PAGS1 Type S	46
Nissan	Zexel (Vane Rotary)	DKV-14C	2484, 2485	2493, 2494	Nissan #KLH00-PAGR1 Type R	46
Nissan	Zexel (Swash Plate)	DKS-16H	2484, 2485	2493, 2494	Nissan #KLH00-PAGS1 Type S	46
Porsche	Nippondenso	10P, 6E, 6P	2484, 2485	2493, 2494	Porsche #PNA573001 ND-8	46
Saab	Sanden		2487, 2488	2495, 2496	Saab #4074787 SP-20	100
Saab	Seiko Seiki		2487, 2488	2495, 2496	Saab #4074787 S10X	100
Saturn	Zexel	DKV, DCV	2487, 2488	2495, 2496	Saturn #21030821 ZXL-200PG	100
Subaru	Calsonic	V5	2490, 2491	2498, 2499	Delco 15-100	150
Subaru	Zexel	92 Model Year	2484, 2485	2493, 2494	Subaru #K0010FS100 ZXL-100PG	46
Subaru	Zexel	93 Model Year	2487, 2488	2495, 2496	Subaru #K0010FS100 ZXL-1200PG	100
Subaru	Calsonic	CR	2484, 2485	2493, 2494	Delco 15-118	46
Subaru	Diesel Kiki	DKV	2484, 2485	2493, 2494	ZXL -100PG	46
Toyota	Nippondenso	10PA, 10P	2484, 2485	2493, 2494	ND-8	46
Toyota	Nippondenso	TV	2487, 2488	2495, 2496		100
Toyota	Nippondenso	SC08	2484, 2485	2493, 2494		46
Volvo	Diesel Kiki	DKS-13	2484, 2485	2493, 2494	Volvo #1161425 ZXL-100PG	46
Volvo	Sanden	SD510	2487, 2488	2495, 2496	(SP-20)	100
VW	Sanden	SD508, SD510, SD709	2487, 2488	2495, 2496	VW #G-052-154-A2 SP-20	100
VW	Sanden	SD7V	2484, 2485	2493, 2494	VW #G-052-100-A2	46

FJC would like to thank MACS "Mobile Air Conditioning Society" for their assistance in providing information in the development of the OE PAG Oil Viscosity Chart

Refrigerant Oil

FJC Universal PAG Oil

Part # 2468 (8 oz)
Part # 2472 (Quart)
Part # 2475 (Gallon)

- Technologically advanced formula, designed to allow one PAG for use in all mobile A/C systems.
- Can be used in R134a and R12 mobile A/C systems.
- Compatible with Mineral, Ester, Paraffin, and other PAG oils.
- Non-Corrosive

FJC Universal PAG Oil

with Fluorescent Leak Detection Dye

Part # 2479 (8 oz)
Part # 2480 (Quart)
Part # 2481 (Gallon)

- Compatible with R134a & R12
- Compatible with Mineral, Ester, Paraffin, and PAG Oil.
- Can be detected using a standard UV light.
- Saves time over existing methods of dye injection.

ATTENTION

A partial charge of FJC PAG Oil with Dye will not provide enough dye for proper fluorescing. **Only** a full system charge during normal service will provide maximum fluorescing for the mobile A/C system.

A partial charge may be added to a system which already contains Fluorescent Dye.

New

Refrigerant Oil

FJC Estercool™ Oil

Part # 2408 (8 oz)
Part # 2432 (Quart)
Part # 2439 (Gallon)

#1 *Choice*

- The most technologically advanced R134a and R12 oil on the market today.
- Compatible with Mineral, Ester, Paraffin, and PAG Oil.
- One oil for all applications.
- Can be added to any existing R12 or R134a mobile A/C system with Mineral, PAG, Paraffin, or Ester Oil.
- Use to replace PAG, Mineral, or Paraffin Oil.
- An all natural Ester oil, that contains additives which give it the ability to lubricate and protect the system at the same time.
- Prevents acid from forming and inhibits corrosion.

FJC DyEstercool™ Oil

Part # 2443 (8 oz)
Part # 2445 (Quart)
Part # 2447 (Gallon)

Contains FJC Universal Fluorescent Leak Detection Dye

- Compatible with R134a & R12
- Compatible with Mineral, Ester, Paraffin, and PAG Oil.
- Can be detected using any standard UV light.
- Saves time over existing methods of dye injection.

ATTENTION

A partial charge of DyEstercool™ Oil will not provide enough dye for proper fluorescing. **Only** a full system charge during normal service will provide maximum fluorescing for the mobile A/C system.

A partial charge may be added to a system which already contains Fluorescent Dye.

FJC Mineral Oil

Part # 2205 (Quart)

- For use in R12 Automotive A/C systems.
- 525 Viscosity

FJC Vacuum Pump Oil

Part # 2200 (Quart)

- Meets specifications for all Rotary Vane Vacuum Pumps.

Oil Injector

R12 A/C Oil Injector

Part # 2729

(R12 Injector)

- Use injector to add 2 oz.of oil to an R12 air conditioning system under pressure or during service.

Part # 2726 (Replacement Hose R12 Injector)
Part # 2736 (Replacement O'Ring)

R134a A/C Oil Injector

Part # 2734

(R134a Injector)

- Use injector to add 2 oz. of oil to an R134a air conditioning system under pressure or during service.

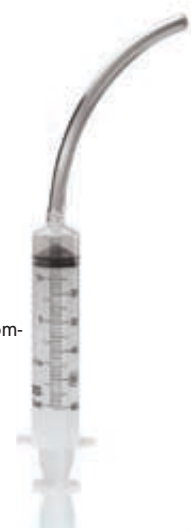
Part # 2727 (Replacement Hose R134a Injector)
Part # 2736 (Replacement O'Ring)

Syringe Oil Injector

Part # 2731

- 6 inch extension hose.
- 2 ounce plastic plunge oil injector.
- Inject oil into system during service (non-pressurized - open system).
- Easily inject correct amount of oil into compressor, evaporator, accumulator, drier, or condenser.

Note: This injector is not designed to inject oil into a system under pressure.



R134a Flow Through Oil Injector

Part # 2738

- 2oz refillable R134a oil injector
- Connects between charging hose and vehicle service port to add oil
- Add oil while system is under pressure or vacuum

R134a/R12 2 oz Handturn Oil and Dye Injector

Part # 2732

- 2 oz refillable R134a/R12 oil and UV dye injector
- Add oil or UV dye to system without adding refrigerant

R134a Oil Charge

FJC Estercool™ R134a Oil Charge

Part # 9147

- 2 oz R134a
- 2 oz FJC Estercool™ Oil

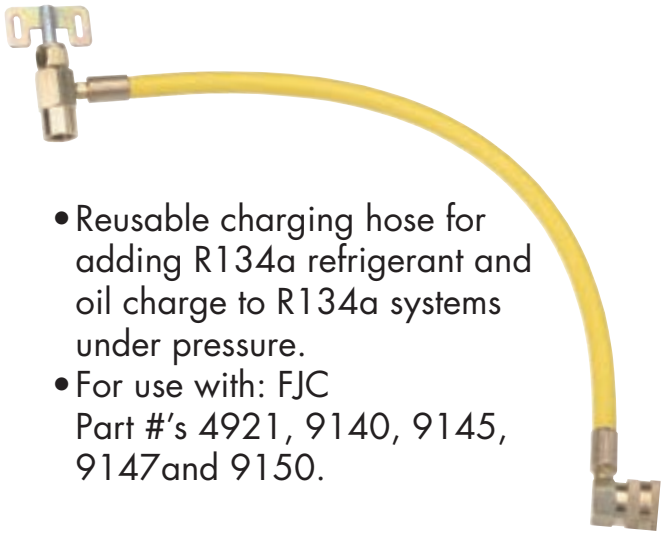
FJC Universal PAG R134a Oil Charge

Part # 9145

- 2 oz R134a
- 2 oz FJC Universal PAG Oil

R134a U-Charge Hose

Part # 6035



- Reusable charging hose for adding R134a refrigerant and oil charge to R134a systems under pressure.
- For use with: FJC Part #'s 4921, 9140, 9145, 9147and 9150.

R134a DyeCharge

Part # 4921

- Fluorescent Dye for R134a A/C systems
- R134a pressurized - single use can
- Use Part **#4960** Dye Injector to install

EXTREME COLD

High Performance Refrigerant Additive

Lowers Duct Temperature Up to 15%

Extends Compressor Life

Improves Performance

Speeds A/C Cooling

Removes System Moisture

Friction Reducing Additives

Part # 9150

- Install in R134a Systems Only
- 2oz R134a + 2oz Extreme Cold

Part # 9158(8oz)

- 2 oz per Application
- Install in Any Mobile A/C Refrigerant System

Part # 9153(2oz)

- Install in Any Mobile A/C Refrigerant System
- Single Application

Feel the Difference... See the Results

R134a Stop Leak w/Red Dye

Part # 9140

- R134a Refrigerant
- Sealers with O'Ring Conditioners
- Red Leak Detection Dye
- No UV Light Necessary to View the Dye
- Will not harm vehicle A/C system or refrigerant recovery or charging equipment

FJC Extreme Cold Counter Display

- Fold Out Design for Countertop Use
- Contains (12) Cans of Part #9150

Part # 9212

A/C Flush

Kwik Klean A/C Flush

Part # 2405 (Quart)
Part # 2406 (Gallon)

- Quick drying
- Removes oil and contaminants that can block the flow of oil and refrigerants.
- For use with R12, R134a and Blends.
- Compatible with all refrigerant oils.
- Use with FJC #2710 Flush Kit.

FJC A/C Flush Solvent

Part # 2032 (Quart)
Part # 2128 (Gallon)

- Developed specifically for use in air conditioning systems using refrigerants R12 ,R134a, and Blends.
- Compatible with Mineral, Ester, Paraffin, and PAG oil.
- Removes moisture, acid, and contaminants that can block the flow of oil and refrigerants, resulting in system failure.
- Prevents acid from forming and neutralizes any acid presently in the system.
- Stops any current and inhibits future corrosion due to moisture and acid.
- Use with in FJC Flush Kit - Part #2710.
- 100% environmentally friendly, biodegradable, non toxic, and non hazardous.

NOTE
Old style flush kits and nozzles WILL NOT provide adequate flow using FJC A/C FLUSH SOLVENT. For best results use FJC FLUSH KIT (Part # 2710) or replace old style flush nozzle with FJC Flush Nozzle (Part # 2712).

Evaporator Odor Control

Part # 5909

- Instantly eliminates odors caused by fungus and bacteria in the evaporator or ductwork.
- Helps prevent the reoccurence of odors for up to a year.
- 9 ounces easy to use aerosol spray.
- Fresh lemon scent.
- Follow simple directions on can.

Measuring Cup

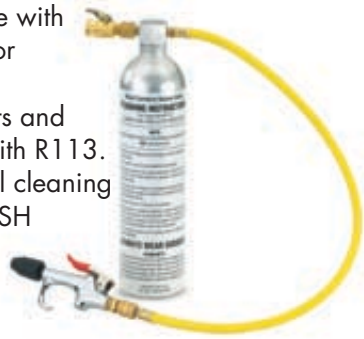
Part # 2782

- Measure the exact amount of oil for the system being serviced.
- Helps eliminate the chance of system failure due to incorrect oil charge.
- Made of durable plastic with a 16 ounce scale.

A/C Flush Accessories

FJC Flush Kit

Part # 2710



- Reusable canister, holds up to 18oz.
- Designed specifically for use with FJC A/C FLUSH SOLVENT or equivalent.
- Replaces older style flush kits and nozzles produced for use with R113.
- Is required to receive the full cleaning potential from FJC A/C FLUSH SOLVENT.
- Use Flush Kit to remove contaminants, moisture, and acid from air conditioning systems using refrigerants R12, R134a, or R22.
- Detailed instructions are included.

Kit Contains: Canister, Hose, Nozzle, Air Cut Off Valve and Instructions

Replacement Parts:
Part # 2716 - Replacement Hose for Flush Kit
Part # 2717 - Replacement O'ring
Part # 2718 - Air Cut Off Valve

Flush Nozzle

Part # 2712

- Designed specifically for use with FJC A/C FLUSH SOLVENT or equivalent.

Note: Old style flush nozzles WILL NOT provide adequate flow using FJC A/C FLUSH SOLVENT.
Part # 2714 - Replacement Tip for Flush Nozzle

Safety Goggles

Part # 2783

- Safety splash goggles
- Protects eyes during system service.

Flushing Assortment

Part # 2768

Contains:
1 - **Part # 2710** - Flush Kit
1 - **Part # 2770** - Flush Coupler
1 - **Part # 2783** - Goggles

Flush Coupler

Part # 2770

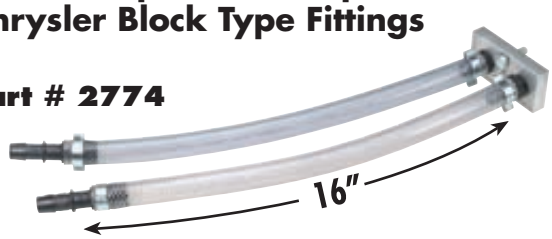
- Use the Flush Coupler to capture flush as it leaves the component being cleaned.
- Connects to outlet of the component being flushed.
- Helps keep the vehicle and shop clean during the flushing process.

Note: Will not connect to block type fittings.
Replacement Collars - **Part #'s 2775, 2776, 2777, 2778, 2779**

Block Fitting Adapters

Kit to Adapt Flush Coupler to Chrysler Block Type Fittings

Part # 2774



Flush In A Bucket Assortment

Part # 1996

- Contains everything necessary to flush a mobile A/C system.

Assortment Includes:
1 - **Part # 2406** - Flush
1 - **Part # 2710** - Flush Kit
1 - **Part # 2770** - Flush Coupler
1 - **Part # 2815** - Manual
1 - **Part # 2783** - Goggles
1 - Bucket

Fluorescent Leak Detection Dyes

- All FJC Dyes can be detected using any UV or Blue Light

Air Conditioning Leak Detection Dye

Part# 4910

Part# 4914

Part# 4916

Part# 4917

Part# 4918

Part# 4921

Part #	Description	Recommended Usage	Size	Standard Pack
4910	Universal A/C Fluorescent Leak Detection Dye R12 & R134a Systems	1/4 oz per 12 oz oil	1 oz (4910)	6
4914	1/4 oz single application Universal A/C Fluorescent Dye R12 and R134a	1/4 oz per 12 oz oil	1/4 oz (4914)	12
4916 4917 4918	Universal A/C Fluorescent Leak Detection Dye R12 & R134a Systems	1/4 oz per 12 oz oil	4 oz (4916) 8 oz (4917) 16 oz (4918)	4 4 1
4921	DyeCharge™ Fluorescent Dye For R134a A/C Systems R134a pressurized - Single use can Use Part # 4960 Injector to install	1 can per automotive system	4 oz can (4921)	12

Fuel-Motor Oil - Transmission - Power Steering Dye

Part# 4923

Part #	Description	Recommended Usage	Size	Standard Pack
4923	Gasoline or Diesel Engine oil Transmission oil Power Steering Gasoline & Diesel Fuel	1 oz to 5 quarts 1 oz to 8 pints 1 oz per application 1 oz to 5 gallons	1 oz (4923)	6

Radiator Coolant Dye

Part# 4928

Part# 4929

Part #	Description	Recommended Usage	Size	Standard Pack
4928 4929	Radiator Coolant Dye	1 oz to 2 gallon of coolant	1 oz (4928) 8 oz (4929)	6 4

Caution: DO NOT use any of the above Dyes in Brake Fluid Systems.

Leak Detection Accessories

Fluorescent Leak Detection Light

12V Leak Detection UV/Blue Light

Part # 4965

- High intensity 12 volt UV lamp
- Instant on and off
- Long cord for easy access
- Detects all dyes
- UV Safety Glasses included

Part # 4947 - Replacement Bulb
Part # 4949 - Replacement Lenses

Rechargeable LED UV Leak Detection Light

Part # 4963

- Fluoresces all UV Dye
- Provides Hours of Use on a Single Charge
- Detects all Dyes
- Charger Included

Fluorescent Dye Kit

Part # 4970

- Kit contains everything necessary to perform leak detection on all A/C systems, engine oil, fuel systems, transmissions and coolant system

Kit Contains:

Qty	Part #	Description
1	2730	R12 & R134a Hand Turn Dye Injector
12	4914	1/4 oz Universal A/C Dye
12	4915	Dye Installed Labels
3	4923	1oz Motor Oil, Fuel,Transmission Dye
3	4928	1oz Coolant Dye
1	4958	UV Safety Goggles
1	4965	12 Volt UV Blue Light
1		Carrying Case

FJC DyeFree™ Fluorescent Dye Cleaner

Part # 4946

- Removes fluorescent leak detection dye from areas where leaks are found and repaired.
- Using FJC DyeFree™ helps prevent false leaks found in the future which were caused by past leaks.
- Spray on and wipe off.
- Convenient 32 ounce spray bottle.

Leak Detection Accessories

R134a DyeCharge™

Part # 4921

- Fluorescent Dye R134a for A/C systems
- R134a pressurized - single use can
- Use **Part # 4960** Dye Injector to install

FJC Hand Turn Dye Injector

Part # 2730

- Inject 1/4 to 1/2 ounce of Fluorescent Dye into a R12 or R134a A/C System under pressure.
- Refillable

Part # 2737 Replacement O' Ring

Fluorescent "Dye Installed" Decals

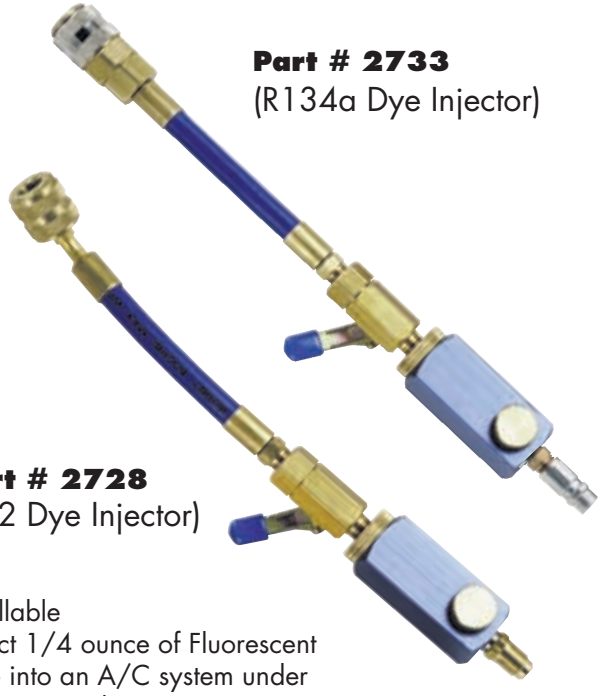
Part # 4915-100

FJC, Inc.
ATTENTION:
FLUORESCENT LEAK DETECTION DYE HAS BEEN ADDED TO THE A/C SYSTEM IN ORDER TO MAKE THE DETECTION OF REFRIGERANT LEAKS EASIER.

- Place on vehicle when installing Fluorescent A/C Dye.

Dye Injector

Part # 2733
(R134a Dye Injector)



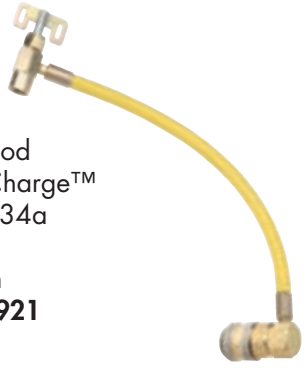
Part # 2728
(R12 Dye Injector)

- Refillable
- Inject 1/4 ounce of Fluorescent Dye into an A/C system under pressure or during service.

Part # 2735 Replacement O' Ring

Dye Injector For FJC DyeCharge™

Part # 4960



- Easy and Quick method of injecting FJC DyeCharge™ into a pressurized R134a A/C system.
- Anti-Blowback design
- For use with **Part # 4921**

UV Safety Glasses

Part # 4958

- Enhances Dye making Leak Detection easier
- Blocks harmful UV rays

R12 Manifold Gauge Sets

R12 Aluminum Block Manifold Gauge Sets

Aluminum Block Design with Sight Glass.

- Available with different lengths of hoses.
- Professional Quality.
- Anti-Flutter Design Gauges.
- Additional Access Port.

Hose Set Length	Standard Hose
36"	6643
72"	6647
96"	6649
Part # 6641	R12 Aluminum Manifold Block with Gauges Only No Hoses

R12 Brass Manifold Gauge Sets

- Brass Body Design.
- Anti-Flutter Design Gauges.

Hose Set Length	Standard Hose
36"	6603
72"	6607
96"	6609
Part # 6601	R12 Brass Manifold Block with Gauges Only No Hoses

R12 & R134a Manifold Gauge Replacement Parts

R12

Part # 6095
R12 Highside Gauge

Part # 6096
R12 Lowside Gauge

R134a

Part # 6135
R134a Highside Gauge

Part # 6136
R134a Lowside Gauge

Dual Gauges

Part # 6127
R134/R12/R22 Highside Gauge

Part # 6128
R134/R12/R22 Lowside Gauge

Rubber Gauge Protector

- Protects Gauge if Dropped
- Fits 2 1/2" Gauge

Part # 6142 HS
Part # 6143 LS
Part # 6144 (Set of 1 each)

New

Note: Gauges not included

R134a Manifold Gauge Sets

R134a Aluminum Block Manifold Gauge Sets

- Aluminum Block Design with Sight Glass.
- Available with different lengths of Hoses & Couplers.
- Professional Quality.
- Anti-Flutter Design Gauges.
- Additional Access Port.
- Attractive Clamshell Packaging.

	Hose Set Length	With Quick Couplers	With Manual Couplers
Standard Hose	36"	6760	6765
Standard Hose	72"	6761	6766
Standard Hose	96"	6763	6768
Premium Hose	36"	6773	
Premium Hose	72"	6775	
Premium Hose	96"	6776	
Part # 6752	Aluminum Manifold Block with Gauges Only No Hoses & No Couplers		

R134a Brass Manifold Gauge Sets

- Brass Body Design.
- Anti-Flutter Design Gauges.
- Available with different lengths of Hoses & Couplers.
- Professional Quality.
- Attractive Clamshell Packaging.

	Hose Set Length	With Quick Couplers	With Manual Couplers
Standard Hose	36"	6714	6720
Standard Hose	72"	6715	6721
Standard Hose	96"	6717	6722
Part # 6701	Brass Manifold Block with Gauges Only No Hoses & No Couplers		

R134a/R12/R22 Dual Manifold Gauge Set

Aluminum Dual Manifold Gauge Sets

Part # 6697

- For use with R134a, R12, and R22
- Aluminum Block Design
- Complete with 72" Hose Set
- R134a Quick Couplers Included
- Professional Quality

14mm x 1.5 R134a Service Couplers

R134a Manual Coupler High Side

Part # 6001

- R134a Manual Coupler
- 14mm x 1.5 Hose Connection

*O'Ring Repair Kit - **Part # 4032***

R134a Manual Coupler Low Side

Part # 6002

- R134a Manual Coupler
- 14mm x 1.5 Hose Connection

*O'Ring Repair Kit - **Part # 4218***

90° R134a Quick Coupler High Side

Part # 6005

- 14mm x 1.5
- Anti blowback
- Replacement Coupler for all R134a Manifold Gauge Sets

*Coupler O'Ring Repair Kit - **Part # 6073***

90° R134a Quick Coupler Low Side

Part # 6006

- 14mm x 1.5
- Anti blowback
- Replacement Coupler for all R134a Manifold Gauge Sets

*Coupler O'Ring Repair Kit - **Part # 6074***

1/4" R134a Service Couplers

(For use with R12 Hoses)

90° R134a Quick Coupler High Side

Part # 6009

- 1/4" Hose Connection
- Use when converting R12 Gauge Set to R134a.
- Anti blowback

90° R134a Quick Coupler Low Side

Part # 6010

- 1/4" Hose Connection
- Use when converting R12 Gauge Set to R134a.
- Anti blowback

Refrigerant Charging Hoses

R134a Charging Hose

- Premium Nylon Barrier Hose
- 1/2 ACME x 14mm x 1.5 – Red, Blue
- 1/2 ACME x 1/2 ACME – Yellow hose with anti-blowback

Hose Color	Hose Length 36"	72"	96"
Red	6413	6417	6419
Yellow	6423	6427	6429
Blue	6433	6437	6439
*Set - RYB	6453	6457	6459

*Set includes one each: Red, Yellow, and Blue Hose

- Standard Hose
- 1/2 ACME x 14mm x 1.5 – Red, Blue
- 1/2 ACME x 1/2 ACME – Yellow w/o anti-blowback

Hose Color	Hose Length 36"	72"	96"
Red	6513	6517	6519
Yellow	6523	6527	6529
Blue	6533	6537	6539
*Set - RYB	6553	6557	6559

*Set includes one each: Red, Yellow, and Blue Hose

- Replacement Seal for R134a Hose **Part # 6055**
- Replacement O'Ring for R134a Hose **Part # 4008**
- Replacement O'Ring for R134a Yellow Anti-Blowback Hose **Part # 6046**

R134a Yellow Hose Anti-Blowback Adaptor

Part # 6038

- Prevents refrigerant loss from yellow hose when disconnecting from R134a tank.
- 1/2" ACME Male x 1/2" ACME Female

New

R134a Hose Connectors

Part # 6017

- Connects red or blue R134a hoses where extra length is needed
- 1/2" ACME male x 14mm x 1.5 female

Part # 6019

- Connects yellow R134a hoses where extra length is needed
- 1/2" ACME male x 1/2" ACME male

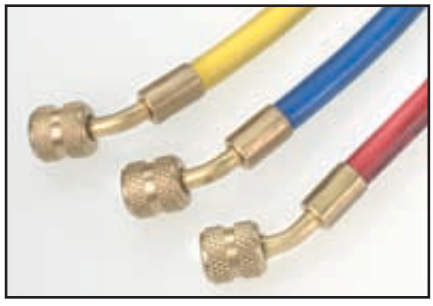
New

R12 Charging Hose

- Standard Hose
- 1/4" x 1/4" Fittings

Hose Color	Hose Length 36"	72"	96"
Red	6313	6317	6319
Yellow	6323	6327	6329
Blue	6333	6337	6339
*Set - RYB	6353	6357	6359

*Set includes one each: Red, Yellow, and Blue Hose



- Replacement Seal for R12 Hose **Part # 6050**

R12 Accessories

R12 Manual Shut Off Valves

Part # 6087 (Red)
12" Hose & Manual Shut Off Valve

Part # 6088 (Yellow)
12" Hose & Manual Shut Off Valve

Part # 6089 (Blue)
12" Hose & Manual Shut Off Valve

R12 Adapters with Valve Core

Part # 6091
(90° - 1/4" x 1/4")

Replacement Seal
Part # 6050

Part # 6092
(90° - 1/4" x 3/16")
•High Side

Replacement Seal
Part # 6047

Part # 6093
(90° - 1/4" x 1/8")
•High Side

Replacement Seal
Part # 6048

Part # 6097
1/4" male x 1/4" male

Connects R12/R22 Hoses Together

R12 High Side Adapter

Part # 6094

- For GM High Side Service Ports 1991 and up.

Replacement Seal - ***Part # 6049***

R134a Hose Set Seal Repair Kit

Part # 6069

Charging Hose Seal & Depressor Assortment

Part # 6070

- 8 Part Numbers
- 50 Pieces
- Repair parts for most major brands of charging hoses

Depressors & Seals

Brass Hose Depressor
Part # 6065

Brass Push In Depressor
Part # 6060

Brass Screw In Depressor
Part # 6061

Brass 3/16" & 1/8"
Spade Depressor
Part # 6063

Plastic Press Fit Depressor
Part # 6066

Seal for R12 & R134a Hose
Part # 6050

Seal for 3/16" R12 Adapters
Part # 6047

Seal for 1/8" R12 Adapters
Part # 6048

Seal for R134a Hose
Part # 6055

R12 to R134a Conversion Products

Manual Coupler Manifold Gauge Set Conversion Kit

Part # 6021

- Converts R12 Gauges to R134a Gauges.
- Contains Manual R134a Couplers and Adapter for R134a Refrigerant Tank.

*Kit Contains: 1 ea. **Part # 6001**
1 ea. **Part # 6002**
1 ea. **Part # 6015**
2 ea. **Part # 6018**

Quick Coupler Manifold Gauge Set Conversion Kit

Part # 6025

- Converts R12 Gauges to R134a Gauges.
- Contains R134a 90° Quick Couplers and Adapter for R134a Refrigerant Tank.
- Anti blowback

*Kit Contains: 1 ea. **Part # 6009**
1 ea. **Part # 6010**
1 ea. **Part # 6015**

R134a Adapters

Vacuum Pump Adapter
Part # 6014

- 1/4" Flare Female x 1/2" ACME Male.
- Connects 1/2" "ACME" R134a Hose to 1/4" Service Port on Vacuum Pump.

Replacement Seal - Part # 6051

R134a Refrigerant Tank Adapter
Part # 6015

- 1/2" ACME Female x 1/4" Male Flare.
- Connects R12 Hose to R134a Refrigerant Tank.

Replacement Seal - Part # 6052

R134a Coupler to R12 Hose Adapter
Part # 6018

- 14m x 1.5 x 1/4" Flare.
- Connects R12 Hose to 14mm x 1.5 R134a Service Coupler.

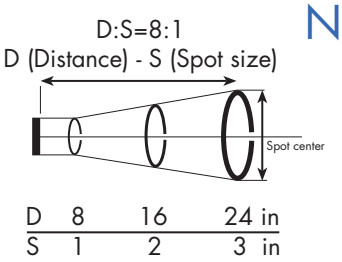
Replacement O'Ring - Part # 4008

R134a Tank Adapter
Part # 6016

- Reclaim all Refrigerant from R134a Cylinders
- Attaches to tank and Low-side Service Coupler

Temp-Pro™

Non-Contact Laser Thermometer



Part # 2800

0˚ - 788˚F

- Offers a Compact Design With High Performance Features.
- Laser Sighting.
- Measures 0˚F to 788˚F
- 8:1 Optics for More Accurate Readings.
- Select Temperature Reading in Celsius or Fahrenheit.
- Hold Function/Auto Off.
- Backlight for easy readability.
- Case
- 9V Battery Included.

FJC incorporates advanced infrared technology in our Temp-Pro non-contact thermometer to obtain fast and accurate temperature measurements from the surface of an object without contact. Just aim and push the measure key to retrieve the temperature.

The FJC Temp-Pro non-contact thermometer can be used for applications in Automotive, HVAC, Electrical, Manufacturing, and any other industry where fast and accurate temperatures are needed.

Compact Non-Contact Thermometer

Part # 2803

New

- Measures -67°F to 428°F
- Select Celsius or Fahrenheit
- Functions; Min, Max and Lock
- Auto off Function
- 1:1 Optics

Pocket Thermometers

Digital Thermometer
Part # 2795

- Fast, Easy and Accurate
- Auto Shutoff
- Includes Battery
- Fahrenheit or Celsius
- Includes Pocket Holder with Clip

1" Dial Thermometer
Part # 2792

- 1" Face with Magnifying Lens
- 0° to 220°F
- Includes Pocket Holder with Clip

1 3/4" Dial Thermometer
Part # 2790

- Easy to read 1 3/4" Face
- 0° to 220°F
- Includes Pocket Holder with Clip

Numerical Index

Pro-Charge Electronic Scale

Part # 2850

Heavy Duty Diecast Aluminum Refrigerant Scale

- ABS Carrying Case
- 9" x 9" Platform
- 175 Pound capacity (80 kg)
- Accurate to +/- 1/2 oz.
- Bubble Key Pad
- 15 Minute Auto Shut Off Feature
- Extra Large LCD Display lbs/oz./kg
- 9V Battery Included

Note: Remove scale from case as shown above before using.

Refrigerant-Cylinder Heater Blanket

Part # 2855

- 110 volt
- Speeds charging when using 30lb and 50lb cylinders
- 300w element

* Refrigerant tank not included

Neutronics Quick Detect™ A/C Sealant Detection Kit

Part # 2820

- Checks A/C System for harmful sealants
- Avoid Damage to Recovery Equipment

Contains: 10-Test Cartridges R134a and R12 Couplers, Test Hose, Flow Meter, Instructions

Sealant Detection Replacement Cartridges

Part # 2821

- Std. Pkg.,(5) Cartridges

FJC Combines New Advanced Technology with Dependable Performance...

Part # 6905
1.5 cfm

Part # 6909
3.0 cfm

Part # 6912
5.0 cfm

Part # 6916
7.0 cfm

- Two Stage Performance Using Twin-Port Technology™
- Lightning Fast Design Removes Moisture and Non-Condensable gases that can destroy any A/C or Refrigeration system.
- Lightweight, Durable Construction for Easy Handling and Long-Life Use.
- Tested-Proven-Reliable

Part#	CFM	Micron Rating	Fitting Size	Voltage	Motor	Motor RPM	Oil Cap. Oz	Weight lbs.
6905	1.5	75	1/4" M.F. x 1/2" ACME	115V, 60 HZ	1/6 HP	1725	6.0	13.9
6909	3.0	75	1/4" M.F. x 1/2" ACME	115V, 60 HZ	1/3HP	1725	8.0	17.4
6912	5.0	75	1/4" M.F. x 1/2" ACME	115V, 60 HZ	1/3HP	1725	8.0	22.4
6916	7.0	75	1/4" M.F. x 1/2" ACME	115V, 60 HZ	3/4HP	3450	17.0	27.65

Vacuum Pump and R134a Manifold Gauge Set Assortment

Part # 9280

Kit Contains:
1 Part # 6715
1 Part # 6908

Vacuum Pump, R134a Manifold Gauge Set and Installer Assortment

Part # 9282

Kit Contains:

1 Part # 2740	10 Part # 4008	1 Part # 6030
1 Part # 2744	1 Part # 4278	1 Part # 6038
1 Part # 2745	1 Part # 6014	5 Part # 6055
1 Part # 2792	1 Part # 6015	5 Part # 6061
1 Part # 2882	1 Part # 6016	1 Part # 6715
1 Part # 2883	2 Part # 6017	1 Part # 6908
1 Part # 2884	2 Part # 6018	
1 Part # 2885	1 Part # 6019	

Vacuum Pump and R134a Manifold Gauge Set and Electronic Scale Assortment

Part # 9285

Kit Contains:
1 Part # 2740
1 Part # 2792
1 Part # 2850
1 Part # 6030
1 Part # 6715
1 Part # 6908

Vacuum Pump, R134a Manifold Gauge Set, Electronic Scale and Installer Assortment

Part # 9287

Kit Contains:

1 Part # 2734	1 Part # 2884	2 Part # 6018
1 Part # 2740	1 Part # 2885	1 Part # 6019
1 Part # 2744	10 Part # 4008	1 Part # 6030
1 Part # 2745	1 Part # 4278	1 Part # 6038
1 Part # 2792	1 Part # 6014	5 Part # 6055
1 Part # 2850	1 Part # 6015	5 Part # 6061
1 Part # 2882	1 Part # 6016	1 Part # 6715
1 Part # 2883	2 Part # 6017	1 Part # 6908

4ft Gondola Assortment

Part # 9204

• Does not include Gondola

Assortment Contains:

- 3 Part # 2200
- 3 Part # 2405
- 4 Part # 2408
- 3 Part # 2432
- 4 Part # 2443
- 3 Part # 2445
- 4 Part # 2468
- 3 Part # 2472
- 4 Part # 2484
- 3 Part # 2485
- 4 Part # 2487
- 3 Part # 2488
- 4 Part # 2490
- 3 Part # 2491
- 1 Part # 2682
- 2 Part # 2731
- 2 Part # 2740
- 2 Part # 2744
- 2 Part # 2745
- 2 Part # 2790
- 2 Part # 2792
- 2 Part # 2795
- 1 Part # 2875
- 2 Part # 2880
- 1 Part # 2910
- 1 Part # 4278
- 1 Part # 4279
- 4 Part # 4921
- 4 Part # 5909
- 1 Part # 6005
- 1 Part # 6006
- 2 Part # 6025
- 2 Part # 6030
- 2 Part # 6035
- 1 Part # 6070
- 1 Part # 6517
- 1 Part # 6527
- 1 Part # 6537
- 1 Part # 6697
- 1 Part # 6715
- 1 Part # 6761
- 1 Part # 6908
- 4 Part # 9140
- 4 Part # 9145
- 4 Part # 9147
- 3 Part # 9150
- 2 Part # 4914D
- 2 Part # 4923D
- 2 Part # 4928D
- 2 Part # 9153D

Planogram, hooks and header included.

3ft Endcap Assortment

Part # 9203

• Does not include Endcap

Assortment Contains:

- 4 Part # 2405
- 4 Part # 2408
- 4 Part # 2443
- 4 Part # 2468
- 4 Part # 2484
- 4 Part # 2487
- 4 Part # 2490
- 1 Part # 2682
- 2 Part # 2731
- 2 Part # 2740
- 2 Part # 2744
- 2 Part # 2745
- 2 Part # 2790
- 2 Part # 2792
- 2 Part # 2795
- 1 Part # 2865
- 1 Part # 2875
- 2 Part # 2880
- 1 Part # 2910
- 1 Part # 3007
- 1 Part # 4279
- 4 Part # 4921
- 4 Part # 5909
- 1 Part # 6005
- 1 Part # 6006
- 2 Part # 6025
- 2 Part # 6030
- 2 Part # 6035
- 2 Part # 6040
- 1 Part # 6070
- 1 Part # 6517
- 1 Part # 6527
- 1 Part # 6537
- 1 Part # 6715
- 4 Part # 9140
- 4 Part # 9145
- 4 Part # 9147
- 3 Part # 9150
- 2 Part # 4914D
- 2 Part # 4923D
- 2 Part # 4928D
- 2 Part # 9153D

Planogram, hooks and header included.

A/C Reclaim/Recycle Equipment
Replacement Filters

Part # 6990

3/8" x 3/8" Flare Inlet & Outlet

Part # 6991

For use with Snap-On Inc. or Sun Recovery machines using a 302V filter.

1/4" x 1/4" Flare Inlet & Outlet

Part # 6992

New

For use with Snap-On Inc. or Robin Air Recovery machines using a 304V filter

1/2" x 1/2" Flare Inlet & Outlet

Part # 6993

Part # 6994

3/8" x 3/8" Flare Inlet & Outlet

Part # 6995

3/8" x 3/8" Flare Inlet & Outlet

Part # 6996

1/4" x 1/4" Flare Inlet & Outlet

FJC Part #	4 Seasons Part #	Mastercool™ Part #	Robinair Part #	RTI Part #	Viper Part #	White Ind. Part #
6992			34430			
6993	59872					16200-SP
6994		62303			315-027-100	
6995				026-80069-00		
6996				026-80077-00		

Condenser and Evaporator Thread Chasers

- Repairs Damaged Threads on Condensers, Accumulators, Evaporators and Hose Assemblies
- Coverage for Domestic and Import Vehicles
- Case Included
- Saves Time and Money

SAE Thread Chasers
Part # 2754

Size Included:
5/8"-18
3/4"-16
7/8"-14
1"-14,
1 1/16"-14

Metric Thread Chasers
Part # 2755

Size Included:

M14 x 1.5	M22 x 1.5
M16 x 1.5	M24 x 1.5
M18 x 1.5	M27 x 2
M20 x 1.5	M28 x 1.5

Compressor Clutch Puller Kit

Part # 7510

- Safely Remove and Install Compressor Clutches on Most Vehicles.
- Molded Case Included

Part #	Replacement Parts: Description
7530	Universal Puller Body
7534	Puller Arbor
7537	Universal Clutch Puller Jaws
7732	Universal Pilot

Master Compressor Clutch Puller Kit

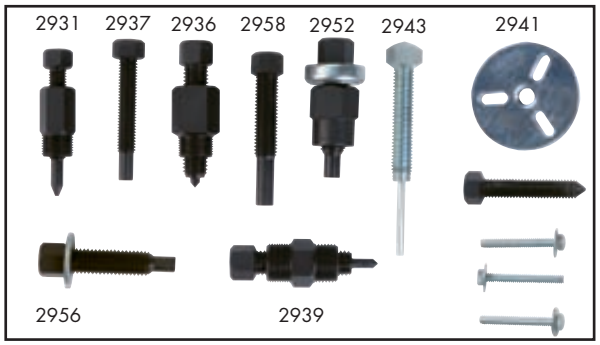
Part # 7500

Part #	Replacement Parts: Description
7530	Universal Puller Body
7534	Puller Arbor
7537	Universal Clutch Puller Jaws
7538	Clutch Puller Jaws
7540	GM DA6 & V5 Clutch Puller Jaws
7542	GM R4 Clutch Puller Jaws
7743	Sanden Pulley and Clutch Remover Jaws
7544	Sanden 505 Pulley and Clutch Jaws
7725	GM A6 & V5 Clutch Puller Jaws
7728	Diesal Kiki Shaft Protector Pilot
7732	Universal Pilot
7735	Nippondenso Shaft Protector

- Essential Kit for Safely Removing and Installing Compressor Clutches.
- Coverage for Domestic and Import Vehicles
- Molded Case Included

Compressor Clutch Hub Puller Installer Kit

- Use with GM, Ford, Chrysler and Imports.
- Compressor Guide Included.
- Molded Storage Case.



Part # 2925

Spring Lock Coupler Tools

Part # 2875
9 Piece Spring Lock Coupler Tool Set

Assortment Includes

Part #2885 3/4" A/C Springlock Coupler
Part #2884 5/8" A/C Springlock Coupler
Part #2883 1/2" A/C Springlock Coupler
Part #2882 3/8" A/C Springlock Coupler
Part #2886 3/8" Fuel Line Coupler
Part #2887 1/2" Fuel Line Coupler
Part #2877 3/8" Fuel Line Coupler
Part #2876 5/16" Fuel Line Coupler
Part #2878 Transmission Line Coupler

R12 Dye Injector
Part # 2728

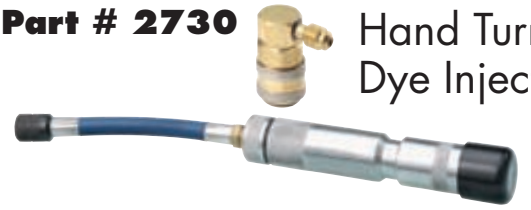
- Inject 1/4 ounce of Fluorescent Dye into an A/C system under pressure or during service.

R12 Oil Injector R134a Oil Injector
Part # 2729 **Part # 2734**

- Inject up to 2oz. of Refrigerant oil into an Automotive A/C System Under Pressure

Part # 2736 - Replacement O'Ring

Part # 2730 Hand Turn Dye Injector



- Inject 1/4 to 1/2 ounce of Fluorescent Dye into a R12 or R134a A/C System under pressure.

R134a Dye Injector
Part # 2733

- Inject 1/4 ounce of Fluorescent Dye into an A/C system under pressure or during service.

R134a/R12 2 oz Handturn Oil and Dye Injector
Part #2732

- 2 oz refillable R134a/R12 oil and UV dye injector
- Add oil or UV dye to system without adding refrigerant

R134a 2oz Flow Through Oil Injector
Part # 2738

- Easy to use
- Connects to vehicle's R134a service port
- Uses R134a and Manifold Gauge set to inject oil into vehicle.

FJC Hand Vacuum Pump with Case

Part # 41000

Test the Following
* Vacuum Lines
* Vacuum Operated Heater Control Valves
* EGR Valves
* Vacuum Ports, Switches, Modules and Other Components that need a vacuum source

Contains:
- Hand Vacuum Pump with Gauge
- High Impact Durable Case
- Complete with Vacuum Hose and Adapters

R134a to R12 Conversion Hoses

Part # 6080 - Set of 3 conversion hoses

- Eliminates need for multiple manifold gauge sets
- Save on unnecessary equipment cost

Part # 6081
Part # 6082
Part # 6083

Directions:
Remove R134a couplers on Red and Blue R134a hoses and replace with Red and Blue FJC conversion hoses with 1/4"fittings. Attach Yellow conversion hose to end of R134a Yellow hose on R134a manifold

Universal Compressor Clutch Holding Tool

Part # 2910

- Holds Compressor Clutch Hub during Removal/Installation.

Digital Thermometer

Part # 2795

- Fast, Easy and Accurate
- Auto Shutoff
- Includes Battery
- Fahrenheit or Celsius
- Includes Pocket Holder with Clip

1" Dial Thermometer

Part # 2792

- 1" Face with Magnifying Lens
- 0° to 220°F
- Includes Pocket Holder with Clip

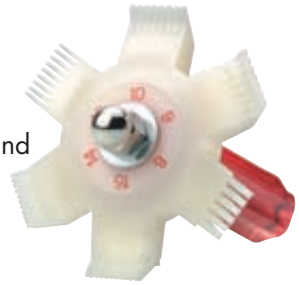
1 3/4" Dial Thermometer

Part # 2790

- Easy to read 1 3/4" Face
- 0° to 220°F
- Includes Pocket Holder with Clip

A/C Tools

Fin Comb
Part # 2740



- Straightens Bent Fins on A/C Condensers and Radiators to increase air flow.

R12 Service Port Thread Chaser
Part # 2742

- Cleans Threads on R12 Service Ports

Valve Core Tool Large
Part # 2744

- Remove and Install Large Bore Valve Cores in Late Model Vehicles.

Valve Core Tool Standard
Part # 2745

- Removes and Installs Standard Valve Cores

Socket for Bridgeport Style Adapters (8 Sided)
Part # 2746

Low Side

Socket for Bridgeport Style Adapters (8 Sided)
Part # 2748

High Side

R134a Service Port Reamer/Deburring Tool
Part # 2751

- Removes Sharp Edges from R134a Service Ports.
- Helps Prevent R134a Service Coupler Damage.

A/C Specifications Manual
Part # 2816

- Provides Information on system capacities

New

Basic A/C Service Manual
Part # 2817

- Provides Information to Diagnose A/C System.
- Basic to Advanced Information.

Toyota Spring Lock Coupler Tool
Part # 2825

- Disconnect Tool for Toyota's New Spring Lock Connectors.
- For Use on 1998 and Newer Toyotas.

Hose Cutter

Part # 2840

- Cuts Refrigerant and other Rubber Hose up to 1 1/2" OD.

Heavy Duty PVC and Hose Cutter

Part # 2843

- Ratchet Design for Easy Use.
- Cuts Rubber Hose and PVC up to 1 1/4" OD.

Replacement Blade **Part # 2844**

O'Ring Pick

Part # 2860

- Will not Scratch Metal Surfaces which can cause Refrigerant Leaks

Stethoscope

Part # 2865

- Diagnose a Defective Compressor Clutch Bearing.
- Use to Isolate Noise in a Defective Idler Pulley, Water Pump, Fuel Injectors, etc.

Quick Disconnect Tool Set

Part # 2874 Set of 5

- For disconnecting fuel & transmission lines

Ford Spring Lock Coupler Tools

Part # 2880 Set of 4

3/8"	1/2"	5/8"	3/4"
Part # 2882	**Part # 2883**	**Part # 2884**	**Part # 2885**

R134a Can Tap

Part # 6030

- Brass Dispensing Valve for R134a Cans with 1/2" ACME Fittings

Replacement Seal **Part # 6041**

R12 Side Can Tap

Part # 6031

- Slides Over R12 Cans for Quick and Easy Charging

Replacement Seal **Part # 6039**

R134a Side Can Tap

Part # 6034

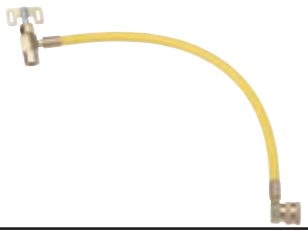
- Slides Over R134a Cans for Quick and Easy Charging

Replacement Seal **Part # 6039**

R134a U-Charge Hose

Part # 6035

- Reusable Brass Dispensing Valve with Hose and R134a Quick Coupler
- Charge A/C Systems with R134a Cans with 1/2" ACME Fitting



R134a/R12 Side Can Tap

Part # 6040

- For Use with All R134a or R12 Small Cans of Refrigerant or Oil Charge

Mini Tubing Cutters

Part # 20206

- Compact design allow easy access in tight spaces.
- Cuts copper, brass and aluminum tubing.

Part # 20206 - 1/8" to 5/8"
Part # 20208 - 1/8" to 7/8"
Part # 20209 - 3/8" to 1 1/8"
Part # 20231 - Replacement Cutting Wheel

Heavy Duty Tubing Cutter

Part # 20212

- Precise screw feed adjustment maintains exact pressure during cutting.
- Includes spare cutter wheel and fold away reamer.

Part # 20212 - 1/8" to 1 1/8"
Part # 20214 - 1/4" to 1 5/8"
Part # 20232 - Replacement Cutting Wheel
Part # 20233 - Replacement Cutting Wheel for Stainless Steel

Ratchet Type Tubing Cutter

Part # 20217

- Ratchet design allows heavy duty cutting action in restricted places.
- Thumb turn design for quick adjustment.

Part # 20217 - 1/4" to 7/8"
Part # 20218 - 5/16" to 1 1/8"
Part # 20232 - Replacement Cutting Wheel

PVC Inner - Outer Reamer

Part # 20283

- Removes burrs from inside and outside of tubing.
- 1/8" to 1 5/8"

Tube Deburring Tool

Part # 20285

Part # 20287

- Quickly remove sharp edges on all sizes of tubing.
  Part # 20289 - Replacement Blades

45° Flaring Tool Set

Part # 20310

- For 45° Flaring of 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 1/2" and 5/8" O.D. soft copper, aluminum and brass tubing.

Universal Flare/Burnish Tool

Part # 20315

- Flare and burnish soft copper, aluminum and brass tubing. 3/16" to 5/8" O.D.

Heavy Duty Deluxe 45° Flare/Burnish and Swaging Tool Kit

Part # 20350

- For 45° Flaring of 1/8" to 3/4" O.D.
- Converts quickly to swaging
- Case included

Universal Swaging Punch

Single Punches:
Part # 20383 - 1/4" Tubing
Part # 20384 - 5/16" Tubing
Part # 20385 - 3/8" Tubing
Part # 20386 - 1/2" Tubing
Part # 20387 - 5/8" Tubing
Part # 20388 - 3/4" Tubing
Part # 20389 - 7/8" Tubing

Part # 20382
5 in 1 punch 1/4" to 5/8" O.D.

Spring Tube Benders

- For fast bending of soft copper and aluminum tubing.

Single Punches:
Part # 20591 - 1/4" Tubing
Part # 20592 - 5/16" Tubing
Part # 20593 - 3/8" Tubing
Part # 20594 - 7/16" Tubing
Part # 20595 - 1/2" Tubing
Part # 20596 - 5/8" Tubing
Part # 20597 - 3/4" Tubing

Part # 20590
5 pc. set 1/4" to 5/8"

3 in 1 Tube Bender

Part # 20520

- For 1/4", 5/16" and 3/8" Tubing
- Up to 180° Bends.

Level Tube Bender

- Bend soft copper, brass, aluminum, steel and other metal tubing.
- Calibrated scale for angles.
- Up to 180° Bends.

Part #	Tube Dia.	Bend Radius
20525	1/2"	1 1/2"
20526	5/8"	2 1/4"
20527	3/4"	3"
20528	7/8"	3 1/4"

Part # 20526

Reversible Ratchet Wrench

Part # 20732

- Fits compressor and acetylene valves.

Part #	Description
20732	9/16", 1/2" hex, 1/4" and 3/16" square
20733	1/4", 3/8", 3/16", and 5/16" square

Pinch-Off Pliers

Part # 20748

- Pinch off leaks in emergency situations.

Metal Fin Comb

Part # 20709

- Straighten and clean condenser and evaporator fins.

Orifice Tubes

Part # 3004 (5 pack)
Part # 3104 (single pack)
Color: Grey Porous
Make: GM
Dia: 0.062

Part # 3005 (5 pack)
Part # 3105 (single pack)
Color: Black Porous
Make: GM
Dia: 0.057

Part # 3006 (5 pack)
Part # 3106 (single pack)
Color: Blue
Make: GM
Dia: 0.067

Part # 3008 (5 pack)
Part # 3108 (single pack)
Color: Orange T-top
Make: GM
Dia: 0.057

Part # 3011 (5 pack)
Part # 3111 (single pack)
Color: White
Make: GM
Dia: 0.072

Part # 3012 (5 pack)
Part # 3112 (single pack)
Color: Black T-top
Make: GM
Dia: 0.072

Part # 3013 (5 pack)
Part # 3113 (single pack)
Color: Yellow T-top
Make: GM
Dia: 0.062

Part # 3014 (5 pack)
Part # 3114 (single pack)
Color: Yellow
Make: Volvo
Dia: 0.062

Part # 3016 (5 pack)
Part # 3116 (single pack)
Color: Blue
Make: Ford
Dia: 0.067

Part # 3017 (5 pack)
Part # 3117 (single pack)
Color: Red
Make: Ford
Dia: 0.062

Part # 3018 (5 pack)
Part # 3118 (single pack)
Color: Green
Make: Ford
Dia: 0.052

Part # 3019 (5 pack)
Part # 3119 (single pack)
Color: Orange
Make: Ford
Dia: 0.059

Part # 3020 (5 pack)
Part # 3120 (single pack)
Color: Brown
Make: Ford
Dia: 0.047

Part # 3021 (5 pack)
Part # 3121 (single pack)
Color: Black
Make: Ford
Dia: 0.072

Part # 3024 (5 pack)
Part # 3124 (single pack)
Color: Purple T-top
Make: Chrysler
Dia: 0.062

Part # 3026 (5 pack)
Part # 3126 (single pack)
Color: Orange T-top
Make: Chrysler
Dia: 0.057

Part # 3036 (5 pack)
Part # 3136 (single pack)
Color: Grey
Make: Toyota
Dia: 0.072

Part # 3038 (5 pack)
Part # 3138 (single pack)
Color: Orange
Make: Audi
Dia: 0.057

Part # 3131
Variable Orifice Tube

New

Part # 3133
Variable Orifice Tube "T" Top

New

Orifice Tube Remover/Installer Kit

Part # 2830

- Easily Removes Orifice Tubes without Damage
- Storage Case Included
- For Standard and "T"-top Orifice Tubes

Master Orifice Tube Assortment

Part # 3000

- Complete Coverage of All Orifice Tubes Available
- 18 Part Numbers - 34 Pieces
- Includes Removal/Installer Tool

Kit Contains:

1 **Part # 3004**	2 **Part # 3013**	2 **Part # 3019**	2 **Part # 3036**
1 **Part # 3005**	2 **Part # 3014**	2 **Part # 3020**	2 **Part # 3038**
2 **Part # 3006**	2 **Part # 3016**	2 **Part # 3021**	10 **Part # 4051**
2 **Part # 3011**	2 **Part # 3017**	2 **Part # 3024**	1 **Removal/Installer Tool**
2 **Part # 3012**	2 **Part # 3018**	2 **Part # 3026**	

Orifice Tube Assortment

Part # 3007

- Contains 11 different Orifice Tubes currently used.
- 22 orifice tubes in assortment
- Expanded Coverage

Kit Contains:

2 **Part # 3008**	2 **Part # 3013**	2 **Part # 3017**	2 **Part # 3020**
2 **Part # 3011**	2 **Part # 3014**	2 **Part # 3018**	2 **Part # 3024**
2 **Part # 3012**	2 **Part # 3016**	2 **Part # 3019**	

Orifice Tubes

Orifice Tube Part#	Application	Interchange Carquest/NAPA	Interchange FourSeasons	OE #'s	Orifice Dia.	OE Orifice Tube Color
				GM		
3004	GM		38645	15-31053	0.062	Grey
3005	GM			10413367	0.057	Black
3006	GM			15097129	0.067	Blue
3008	GM, T-Top		38646	15-31084	0.057	Orange
3011	GM	207311	38623	15-5151	0.072	White
3012	GM, T-Top	207301	38638	15-5378	0.072	Black
3013	GM, T-Top		38887	15-5612	0.062	Yellow
				Volvo		
3014	Volvo	207315	38642	1324829-9	0.062	Yellow
				Motorcraft		
3016	Ford	207316	38621	YG-345 (YG-322)	0.067	Blue
3017	Ford	207317	38635	YG-346 (YG-321)	0.062	Red
3018	Ford	207320	38643	YG-319	0.052	Green
3019	Ford	207319	38639	YG-343 (YG-323)	0.059	Orange
3020	Ford	207318	38640	YG-320	0.047	Brown
3021	Ford			XC4H-19D990-AA	0.072	Black
				Chrysler		
3024	Chrysler T-Top	207314	38641	36002432	0.062	Purple
3026	Chrysler				0.057	Orange
				Imports		
3036	Toyota				0.072	Grey
3038	Audi				0.057	Orange

Service Items

R12 & R134a Valve Cores

Standard
Part # 2672

GM High Flow
Part # 2673

JRA High Flow
Part # 2674

Volvo
Part # 2675

8mm Low Side
Part # 2676

10mm High Side
Part # 2677

R12 & R134a Service Port Caps

Part # 2611
Blue Low Side
15mm Fitting
10 mm x 1.25

Part # 2612
Red High Side
17mm Fitting
10 mm x 1.25

Part # 2613
Blue Low Side
15mm Fitting
9 mm x 1

Part # 2614
Blue Low Side
15mm Fitting
8 mm Threads

Part # 2615
Red High Side
17mm Fitting
8 mm x Threads

Part # 2616
Black High Side
17mm Fitting
10 mm x .75

Part # 2617
Red High Side
17mm Fitting
10 mm Threads

Part # 2621
R12 Cap
1/4"

Part # 2622
R12 Cap
3/16"

OE R134a Replacement Service

Part # 2623
Blue Low Side
Import
9mm x 1.0
New

Part # 2624
Blue High Side
Import
10mm x 1.25
New

Part # 2619
1/2" ACME
New

Part # 2607(5 pk)
Part # 2557(1 pk)
Low Side
OE R134a
Service Port
m13 x 1.0
Uses Cap #2614

Part # 2608(5 pk)
Part # 2558(1 pk)
Low Side
Ford
m10 x 1.25
Uses Cap #2614

Part # 2609(5 pk)
Part # 2574(1 pk)
High Side
OE R134a
Service Port
m15 x 1.0
Uses Cap #2617

Part # 2610(5 pk)
Part # 2576(1 pk)
High Side
Ford, GM
Chrysler
m12 x 1.5
Uses Cap #2615

OE R134a Replacement Service Port Assortment

Part # 2685

- Replacement R134a Service Ports
- 4 Part Numbers-8 Pieces

Kit contains:
2- Part # 2607
2- Part # 2609
2- Part # 2608
2- Part # 2610

Master Replacement Cap and Valve Core Assortment

Part # 2683

- 18 Part Numbers-88 Pieces

New

Kit contains:

5- Part # 2611	5- Part # 2622
5- Part # 2612	5- Part # 2623
5- Part # 2613	5- Part # 2624
5- Part # 2614	10- Part # 2672
5- Part # 2615	3- Part # 2673
5- Part # 2616	5- Part # 2674
5- Part # 2617	2- Part # 2675
5- Part # 2619	4- Part # 2676
5- Part # 2621	4- Part # 2677

R12 & R134a Valve Core Assortments

Part # 2682

- 6 Part Numbers - 20 Pieces

Kit Contains:

10 **Part # 2672** 2 **Part # 2676**
2 **Part # 2673** 2 **Part # 2777**
2 **Part # 2674**
2 **Part # 2675**

Part # 2680

- 5 Different Valve Cores.
- Valve Core Tools for Standard and Large Valve Cores.
- 7 Part Numbers - 37 Pieces

Kit Contains:

20 **Part # 2672** 4 **Part # 2677**
3 **Part # 2673** 1 **Part # 2744**
4 **Part # 2674** 1 **Part # 2745**
4 **Part # 2676**

Part # 2663

- R12 and R134a Service Port Caps.
- 5 Different Valve Cores.
- Valve Core Tools For Standard and Large Valve Cores.
- 12 Part Numbers - 85 Pieces

Kit Contains:

10 **Part # 2614** 10 **Part # 2622** 5 **Part # 2676**
10 **Part # 2615** 20 **Part # 2672** 5 **Part # 2677**
5 **Part # 2617** 3 **Part # 2673** 1 **Part # 2744**
10 **Part # 2621** 5 **Part # 2674** 1 **Part # 2745**

Switches

Compressor Clutch Cycling Pressure Switches

* RetroFit Switches Located on Page 61

Chrysler

R134a

Part # 3271
12mm Switchport
Dodge 1994 - 1996

R134a

Part # 3276
12mm Switchport
Dodge 1994 - 1996

Ford

R12

Part # 3214
1/4" Switchport
Ford 1981 - 1993

R134a

Part # 3280
12mm Switchport
Ford 1993 - 1995

R134a

Part # 3284
12mm Switchport
Ford 1995 - 1997

R134a

Part # 3287
12mm Switchport
Ford 1996 - 1997

GM

R12

Part # 3203
1/4" Switchport
GM 1978 - 1993

R12

Part # 3205
1/4" Switchport
GM 1989 - 1993

R134a

Part # 3262
12mm Switchport
GM 1993 - 1995

R134a

Part # 3264
12mm Switchport
GM 1994 - 1996

R134a

Part # 3265
12mm Switchport
GM 1994 - 1997

R134a

Part # 3266
12mm Switchport
GM 1994 - 2000

Switch Interchange

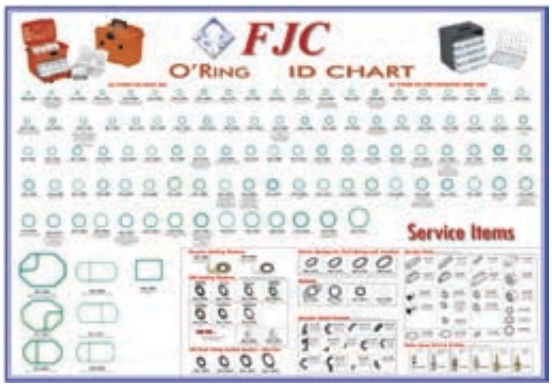
FJC	Description	Four Seasons	Murray	Evap	Everco
3203	R12 GM Switch	35751	207434	5032	A8085
3205	R12 GM Switch	36664	207468	5039	A8385
3214	R12 Ford Switch	35960	207436	5030	A8029
3262	R134a GM Switch	36496	207405	5082	A77405
3264	R134a GM Switch	36658	207647	4967	A8085
3265	R134a GM Switch	36655	207655	4941	A77655
3266	R134a GM Switch	36659	207654	4956	A77654
3271	R134a Chrysler Switch	36497	207661		A77661
3276	R134a Chrysler Switch	36487	207658		A77658
3280	R134a Ford Switch	36494	207404	5080	A77404
3284	R134a Ford Switch	36486	207417		A77417
3287	R134a Ford Switch	36485	207671		A77671

Service Item Assortment

Pro-Series Service Item Assortment

All O'Rings are High Temperature Green HNBR

Part # 4400



O'Ring Wall Chart Included

Kit Contains:
O'Rings, Gaskets, Sealing Washers, Keyways, Shims, Fittings, Caps and Orifice Tubes, etc.

- Sturdy Case
- Total 1006 Pieces
- Total 208 Part Numbers
- 12 Compartments for Easy Storage

Kit Contains:

		20	Part # 4010	5	Part # 4082	5	Part # 4177	5	Part # 4223	2	Part # 4318
4	Part # 2602	25	Part # 4012	5	Part # 4086	5	Part # 4178	5	Part # 4225	2	Part # 4319
4	Part # 2603	5	Part # 4015	5	Part # 4087	5	Part # 4179	5	Part # 4226	2	Part # 4320
2	Part # 2604	5	Part # 4016	5	Part # 4088	5	Part # 4182	5	Part # 4227	2	Part # 4321
2	Part # 2606	5	Part # 4017	5	Part # 4089	5	Part # 4183	5	Part # 4228	2	Part # 4324
1	Part # 2608	5	Part # 4018	5	Part # 4090	5	Part # 4186	5	Part # 4229	2	Part # 4325
1	Part # 2610	5	Part # 4026	5	Part # 4091	5	Part # 4187	10	Part # 4230	2	Part # 4326
2	Part # 2611	5	Part # 4028	5	Part # 4093	5	Part # 4189	10	Part # 4232	2	Part # 4327
2	Part # 2612	5	Part # 4030	5	Part # 4094	25	Part # 4190	20	Part # 4233	2	Part # 4328
2	Part # 2613	5	Part # 4032	5	Part # 4095	5	Part # 4191	5	Part # 4234	5	Part # 4335
5	Part # 2614	5	Part # 4038	5	Part # 4096	25	Part # 4192	5	Part # 4235	5	Part # 4345
5	Part # 2615	5	Part # 4040	5	Part # 4097	25	Part # 4193	5	Part # 4237	5	Part # 4346
2	Part # 2616	5	Part # 4042	5	Part # 4116	25	Part # 4194	5	Part # 4238	1	Part # 6041
2	Part # 2617	5	Part # 4043	5	Part # 4118	5	Part # 4195	5	Part # 4239	1	Part # 6047
5	Part # 2618	5	Part # 4044	5	Part # 4120	5	Part # 4196	5	Part # 4240	1	Part # 6049
5	Part # 2620	5	Part # 4045	5	Part # 4122	5	Part # 4197	5	Part # 4241	10	Part # 6050
5	Part # 2621	5	Part # 4050	4	Part # 4130	25	Part # 4198	5	Part # 4242	1	Part # 6051
5	Part # 2622	5	Part # 4051	4	Part # 4131	5	Part # 4199	5	Part # 4243	1	Part # 6052
10	Part # 2672	5	Part # 4052	4	Part # 4140	5	Part # 4201	5	Part # 4245	10	Part # 6055
2	Part # 2673	2	Part # 4053	4	Part # 4142	5	Part # 4202	5	Part # 4246	5	Part # 6060
4	Part # 2674	2	Part # 4054	4	Part # 4143	5	Part # 4203	5	Part # 4247	5	Part # 6061
4	Part # 2676	2	Part # 4060	4	Part # 4144	5	Part # 4204	5	Part # 4248	5	Part # 6063
4	Part # 2677	2	Part # 4061	4	Part # 4150	5	Part # 4205	2	Part # 4250	10	Part # 6065
2	Part # 3011	2	Part # 4062	4	Part # 4151	5	Part # 4206	1	Part # 4252	2	Part # 6066
1	Part # 3012	2	Part # 4063	4	Part # 4154	5	Part # 4207	1	Part # 4253		
1	Part # 3014	2	Part # 4064	4	Part # 4158	5	Part # 4208	1	Part # 4254		
2	Part # 3016	2	Part # 4065	4	Part # 4160	5	Part # 4209	1	Part # 4255		
1	Part # 3017	2	Part # 4066	4	Part # 4162	5	Part # 4211	1	Part # 4256		
1	Part # 3018	2	Part # 4070	4	Part # 4166	5	Part # 4214	1	Part # 4258		
1	Part # 3019	2	Part # 4071	5	Part # 4168	5	Part # 4215	5	Part # 4305		
1	Part # 3020	2	Part # 4072	5	Part # 4170	5	Part # 4216	5	Part # 4306		
1	Part # 3024	2	Part # 4073	5	Part # 4171	5	Part # 4218	5	Part # 4307		
5	Part # 4002	2	Part # 4074	5	Part # 4172	5	Part # 4219	5	Part # 4308		
5	Part # 4004	2	Part # 4075	5	Part # 4173	5	Part # 4220	5	Part # 4312		
25	Part # 4006	5	Part # 4078	5	Part # 4175	5	Part # 4221	2	Part # 4315		
25	Part # 4008	5	Part # 4080	5	Part # 4176	5	Part # 4222	2	Part # 4317		

"The Ultimate Assortment... for the A/C Specialist"

Service Item Assortments

Deluxe Service Item Assortment

New

For Vehicles 1995-2005

Kit Contains:
O'Rings, Gaskets, Sealing Washers, Caps and other service items.

Part # 4415

- Total 605 Pieces
- Total 204 Part Numbers
- Convenient Carrying Case

O'Ring Wall Chart Included

Kit Contains:

1	Part # 2608	20	Part # 4008	2	Part # 4062	2	Part # 4128	20	Part # 4192	5	Part # 4220	5	Part # 4248
1	Part # 2610	20	Part # 4010	2	Part # 4071	2	Part # 4129	20	Part # 4193	5	Part # 4222	1	Part # 4250
2	Part # 2611	5	Part # 4012	2	Part # 4072	2	Part # 4132	5	Part # 4194	5	Part # 4223	1	Part # 4253
2	Part # 2612	10	Part # 4026	2	Part # 4073	2	Part # 4133	5	Part # 4196	5	Part # 4225	1	Part # 4254
2	Part # 2613	10	Part # 4028	2	Part # 4074	4	Part # 4150	5	Part # 4198	5	Part # 4226		
4	Part # 2614	5	Part # 4030	2	Part # 4075	4	Part # 4151	5	Part # 4199	5	Part # 4228		
4	Part # 2615	5	Part # 4032	5	Part # 4078	4	Part # 4154	5	Part # 4202	5	Part # 4229		
2	Part # 2616	10	Part # 4038	5	Part # 4080	4	Part # 4158	5	Part # 4203	5	Part # 4230		
2	Part # 2617	5	Part # 4040	5	Part # 4086	4	Part # 4166	5	Part # 4204	5	Part # 4232		
2	Part # 2623	5	Part # 4042	5	Part # 4087	5	Part # 4170	10	Part # 4206	5	Part # 4233		
2	Part # 2624	5	Part # 4043	5	Part # 4088	5	Part # 4171	10	Part # 4208	5	Part # 4235		
5	Part # 2672	5	Part # 4045	15	Part # 4090	5	Part # 4172	5	Part # 4209	5	Part # 4237		
2	Part # 2673	5	Part # 4050	5	Part # 4093	5	Part # 4178	5	Part # 4210	5	Part # 4238		
2	Part # 2674	5	Part # 4051	5	Part # 4094	5	Part # 4182	5	Part # 4211	5	Part # 4239		
1	Part # 2675	10	Part # 4052	5	Part # 4096	10	Part # 4183	5	Part # 4213	5	Part # 4240		
2	Part # 2676	1	Part # 4053	2	Part # 4116	5	Part # 4186	5	Part # 4215	5	Part # 4241		
2	Part # 2677	1	Part # 4054	2	Part # 4118	5	Part # 4187	5	Part # 4216	5	Part # 4243		
5	Part # 4002	2	Part # 4060	2	Part # 4120	5	Part # 4189	5	Part # 4218	5	Part # 4246		
20	Part # 4006	2	Part # 4061	2	Part # 4122	20	Part # 4190	5	Part # 4219	5	Part # 4247		

Pro-Series O'Ring Assortment

All O'Rings and Gaskets are High Temperature Green HNBR

Part # 4420

- Total 609 Pieces
- Total 112 Part Numbers
- Complete Coverage of FJC O'Rings and Gaskets
- Metal Storage Case

O'Ring Wall Chart Included

Kit Contains:

5	Part # 4002	5	Part # 4050	5	Part # 4120	5	Part # 4192	5	Part # 4215	5	Part # 4238
5	Part # 4004	5	Part # 4051	5	Part # 4122	5	Part # 4193	5	Part # 4216	5	Part # 4239
20	Part # 4006	5	Part # 4052	5	Part # 4168	5	Part # 4194	5	Part # 4218	5	Part # 4240
20	Part # 4008	5	Part # 4078	5	Part # 4170	5	Part # 4195	5	Part # 4219	5	Part # 4241
20	Part # 4010	5	Part # 4080	5	Part # 4171	5	Part # 4196	5	Part # 4220	5	Part # 4242
20	Part # 4012	5	Part # 4082	5	Part # 4172	5	Part # 4197	5	Part # 4221	5	Part # 4243
5	Part # 4016	5	Part # 4086	5	Part # 4173	5	Part # 4198	5	Part # 4222	5	Part # 4245
5	Part # 4017	5	Part # 4087	5	Part # 4175	5	Part # 4199	5	Part # 4223	5	Part # 4246
5	Part # 4018	5	Part # 4088	5	Part # 4176	5	Part # 4201	5	Part # 4225	5	Part # 4247
5	Part # 4026	5	Part # 4089	5	Part # 4177	5	Part # 4202	5	Part # 4226	5	Part # 4248
5	Part # 4028	5	Part # 4090	5	Part # 4178	5	Part # 4203	5	Part # 4227	2	Part # 4250
5	Part # 4030	5	Part # 4091	5	Part # 4179	5	Part # 4204	5	Part # 4228	2	Part # 4252
5	Part # 4032	5	Part # 4093	5	Part # 4182	5	Part # 4205	5	Part # 4229	1	Part # 4253
5	Part # 4038	5	Part # 4094	5	Part # 4183	5	Part # 4206	5	Part # 4230	1	Part # 4254
5	Part # 4040	5	Part # 4095	5	Part # 4186	5	Part # 4207	5	Part # 4232	1	Part # 4255
5	Part # 4042	5	Part # 4096	5	Part # 4187	5	Part # 4208	5	Part # 4233	1	Part # 4256
5	Part # 4043	5	Part # 4097	5	Part # 4189	5	Part # 4209	5	Part # 4234	1	Part # 4258
5	Part # 4044	5	Part # 4116	20	Part # 4190	5	Part # 4211	5	Part # 4235		
5	Part # 4045	5	Part # 4118	5	Part # 4191	5	Part # 4214	5	Part # 4237		

O'Ring Assortments

Deluxe O'Ring Assortment

O'Ring Wall Chart Included

Part # 4275

- 34 Most Popular Sizes
- 350 Pieces
- Green HNBR

Kit Contains:

10 **Part # 4002**	10 **Part # 4038**	10 **Part # 4187**	10 **Part # 4208**
20 **Part # 4006**	10 **Part # 4040**	20 **Part # 4190**	5 **Part # 4215**
20 **Part # 4008**	10 **Part # 4042**	10 **Part # 4191**	10 **Part # 4218**
20 **Part # 4010**	10 **Part # 4043**	5 **Part # 4193**	5 **Part # 4230**
20 **Part # 4012**	10 **Part # 4051**	5 **Part # 4194**	10 **Part # 4238**
10 **Part # 4026**	10 **Part # 4052**	10 **Part # 4196**	5 **Part # 4240**
10 **Part # 4028**	10 **Part # 4080**	10 **Part # 4197**	5 **Part # 4241**
10 **Part # 4030**	10 **Part # 4170**	5 **Part # 4203**	
10 **Part # 4032**	10 **Part # 4186**	5 **Part # 4206**	

O'Ring Assortment

Part # 4278

- 18 Most Popular Sizes for all models
- 180 Pieces
- Green HNBR

O'Ring Wall Chart Included

Kit Contains:

10 **Part # 4002**	10 **Part # 4028**	10 **Part # 4190**
10 **Part # 4006**	10 **Part # 4032**	10 **Part # 4191**
10 **Part # 4008**	10 **Part # 4038**	10 **Part # 4194**
10 **Part # 4010**	10 **Part # 4042**	10 **Part # 4196**
10 **Part # 4012**	10 **Part # 4043**	10 **Part # 4208**
10 **Part # 4026**	10 **Part # 4187**	10 **Part # 4218**

Top Four O'Ring Assortment

Part # 4279

- 4 Most Popular Sizes
- 100 Pieces
- Green HNBR

Kit Contains:

25 **Part # 4006**
25 **Part # 4008**
25 **Part # 4010**
25 **Part # 4012**

Chrysler O'Ring & Gasket Assortment - 1989 and Earlier

Part # 4286

20 Part Numbers
- 187 Pieces
- Green HNBR
- Metal Gaskets

O'Ring Wall Chart Included

Kit Contains:

15 **Part # 4006**	5 **Part # 4142**	10 **Part # 4187**
15 **Part # 4008**	5 **Part # 4143**	15 **Part # 4190**
15 **Part # 4010**	5 **Part # 4144**	15 **Part # 4203**
15 **Part # 4012**	5 **Part # 4150**	15 **Part # 4240**
15 **Part # 4030**	8 **Part # 4151**	5 **Part # 4305**
2 **Part # 4053**	8 **Part # 4158**	5 **Part # 4306**
2 **Part # 4054**	5 **Part # 4166**	

Chrysler O'Ring Assortment - 1990 to 2005

New

Part # 4287

27 Part Numbers
- 204 Pieces
- Green HNBR
- Metal Gaskets

O'Ring Wall Chart Included

Kit Contains:

15 **Part # 4006**	2	**Part # 4118**	4	**Part # 4166**	5	**Part # 4211**
15 **Part # 4008**	2	**Part # 4120**	20	**Part # 4190**	5	**Part # 4213**
10 **Part # 4030**	4	**Part # 4128**	10	**Part # 4192**	10	**Part # 4230**
2 **Part # 4073**	4	**Part # 4129**	10	**Part # 4193**	10	**Part # 4233**
2 **Part # 4074**	4	**Part # 4132**	10	**Part # 4194**	10	**Part # 4240**
10 **Part # 4080**	4	**Part # 4133**	10	**Part # 4203**	10	**Part # 4243**
2 **Part # 4116**	4	**Part # 4150**	10	**Part # 4210**		

O'Ring Assortments

Ford O'Ring Assortment

Part # 4288

- 18 Part Numbers
- 200 Pieces
- O'Rings, Shims, Bushings
- Green HNBR

O'Ring Wall Chart Included

Kit Contains:

15 **Part # 4006**	15 **Part # 4190**	10 **Part # 4234**
15 **Part # 4008**	10 **Part # 4192**	10 **Part # 4241**
15 **Part # 4010**	10 **Part # 4193**	10 **Part # 4248**
10 **Part # 4012**	10 **Part # 4194**	6 **Part # 4308**
10 **Part # 4028**	10 **Part # 4198**	2 **Part # 4325**
10 **Part # 4078**	10 **Part # 4209**	2 **Part # 4326**
10 **Part # 4170**	10 **Part # 4225**	

Ford Spring Lock Coupling Assortment

Part # 4290

- 4 Sizes - O'Rings
- 4 Sizes - Garter Springs
- Green HNBR
- 60 Pieces

Kit Contains:

10 **Part # 4006**	5 **Part # 4116**
10 **Part # 4008**	5 **Part # 4118**
10 **Part # 4010**	5 **Part # 4120**
10 **Part # 4012**	5 **Part # 4122**

Ford Metric Spring Lock Coupling Assortment

Part # 4291

- 4 Sizes - Metric O'Rings
- 4 Sizes - Garter Springs
- Green HNBR
- 60 Pieces

Kit Contains:

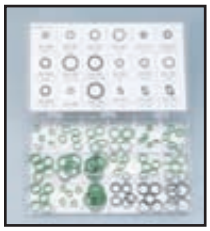
5 **Part # 4116**	10 **Part # 4192**
5 **Part # 4118**	10 **Part # 4193**
5 **Part # 4120**	10 **Part # 4194**
5 **Part # 4122**	10 **Part # 4198**

GM O'Ring Assortment

Part # 4293

- 18 Part Numbers
- 180 Pieces
- Green HNBR

O'Ring Wall Chart Included



Kit Contains:

10 **Part # 4006**	10 **Part # 4030**	10 **Part # 4050**
10 **Part # 4008**	10 **Part # 4032**	10 **Part # 4186**
10 **Part # 4010**	10 **Part # 4038**	10 **Part # 4189**
10 **Part # 4012**	10 **Part # 4040**	10 **Part # 4190**
10 **Part # 4026**	10 **Part # 4042**	10 **Part # 4196**
10 **Part # 4028**	10 **Part # 4043**	10 **Part # 4197**

GM Sealing Washer Assortment

Part # 4294

- 3 Most Popular GM Sealing Washers.
- Insert for Sealing Washers.
- 4 Part Numbers
- 24 Pieces

Kit Contains:

6 **Part # 4060**	6 **Part # 4062**
6 **Part # 4061**	6 **Part # 4071**

Slim Line Sealing Washer Assortment

Part # 4295

- 4 sizes - 20 Pieces
- GM Sealing Washers

Kit Contains:

5 **Part # 4072**
5 **Part # 4073**
5 **Part # 4074**
5 **Part # 4075**

Master Sealing Washer Assortment

Part # 4296

- 15 Part Numbers - 47 Pieces
- GM and Chrysler Sealing Washers

O'Ring Wall Chart Included

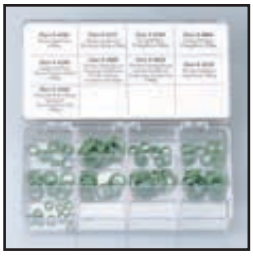
Kit Contains:

3 **Part # 4053**	2 **Part # 4066**
3 **Part # 4054**	4 **Part # 4070**
3 **Part # 4060**	4 **Part # 4071**
3 **Part # 4061**	4 **Part # 4072**
3 **Part # 4062**	4 **Part # 4073**
2 **Part # 4063**	4 **Part # 4074**
2 **Part # 4064**	4 **Part # 4075**
2 **Part # 4065**	

See Page 50 for Sealing Washers

O'Ring Assortments

Metric O'Ring Assortment



Part # 4298

- 12 Popular Metric O'Rings
- 120 Pieces
- Green HNBR

Kit Contains:

10 **Part # 4006**	10 **Part # 4080**
10 **Part # 4008**	10 **Part # 4094**
10 **Part # 4010**	10 **Part # 4186**
10 **Part # 4012**	10 **Part # 4187**
10 **Part # 4028**	10 **Part # 4190**
10 **Part # 4052**	10 **Part # 4203**

Large Metric O'Ring Assortment

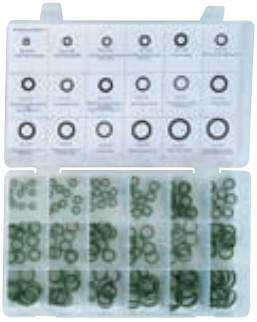
Part # 4299

- 18 Popular Metric O'Rings
- 180 Pieces
- Green HNBR

O'Ring Wall Chart Included

Kit Contains:

10 **Part # 4006**	10 **Part # 4186**
10 **Part # 4008**	10 **Part # 4187**
10 **Part # 4010**	10 **Part # 4190**
10 **Part # 4012**	10 **Part # 4203**
10 **Part # 4028**	10 **Part # 4206**
10 **Part # 4052**	10 **Part # 4208**
10 **Part # 4080**	10 **Part # 4218**
10 **Part # 4094**	10 **Part # 4233**
10 **Part # 4183**	10 **Part # 4238**



Deluxe Metric/Import O'Ring Assortment

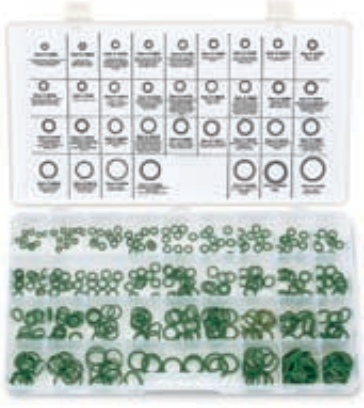
Part # 4300

- 34 Popular Metric O'Rings
- 350 Pieces
- Green HNBR

New

Kit Contains:

15 **Part # 4006**	10 **Part # 4183**	10 **Part # 4214**
10 **Part # 4008**	10 **Part # 4186**	10 **Part # 4215**
10 **Part # 4010**	10 **Part # 4187**	10 **Part # 4218**
10 **Part # 4012**	10 **Part # 4189**	10 **Part # 4222**
10 **Part # 4028**	15 **Part # 4190**	10 **Part # 4233**
10 **Part # 4043**	10 **Part # 4192**	10 **Part # 4237**
10 **Part # 4052**	10 **Part # 4203**	10 **Part # 4238**
10 **Part # 4080**	10 **Part # 4204**	10 **Part # 4239**
10 **Part # 4088**	10 **Part # 4206**	10 **Part # 4240**
10 **Part # 4094**	10 **Part # 4208**	10 **Part # 4246**
10 **Part # 4178**	10 **Part # 4209**	
10 **Part # 4182**	10 **Part # 4211**	



O'Ring Wall Chart Included

Honda & Toyota O'Ring Assortment

Part # 4297

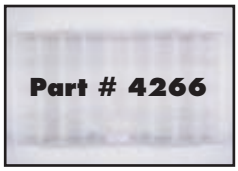
- Total 126 Pieces
- Total 15 Part Numbers
- Most Popular Import O'Rings and Gaskets
- Green HNBR

O'Ring Wall Chart Included

Kit Contains:

10 **Part # 4006**	10 **Part # 4187**	2 **Part # 4255**
10 **Part # 4008**	10 **Part # 4190**	
10 **Part # 4010**	10 **Part # 4203**	
10 **Part # 4012**	10 **Part # 4233**	
10 **Part # 4028**	10 **Part # 4238**	
10 **Part # 4080**	2 **Part # 4250**	
10 **Part # 4186**	2 **Part # 4252**	

Plastic Boxes



Part # 4266

34 Compartment

Part # 4265

18 Compartment

O'Rings

All O'Rings are actual size

All O'Rings are High Temperature Green HNBR

 Part # 4221 GM & Asian Imports	 **Part # 4206** Ford Combination Valve Liquid Bleed Tube Connection Nissan #6 Hose/Expansion Valve/Capillary Tube VIR Liquid Bleed Line	 **Part # 4052** GM Capillary Tube	 **Part # 4183** Metric Hose and Drier, Mitsubishi FX 105V rear housing, Sanden TR70 oil drain bolt
 Part # 4208 GM Oil Tube & Filler Bolt Diesel Kiki DKS16H Oil Drain Plug Nissan #8 Hose Fitting/Drier	 **Part # 4223** Metric - GM & Asian Imports	 **Part # 4186** Toyota Liquid Line/Drier #5 Hose Fitting	 **Part # 4080** Ford Combination Valve STV Manifold Oil Port Use with Chrysler Gasket #4132
 Part # 4182 Metric Captive O'Ring - Nissan, Calsonic, Honda	 **Part # 4222** Metric - Asian Imports	 **Part # 4051** Ford/GM Orifice Tube	 **Part # 4192** Thicker metric for Ford #6 Spring Lock Couplers
 Part # 4006 #6 Hose Ford Expansion Valve Seal Ford #6 Springlock O'Ring Nissan #10 Hose Fitting/Drier VIR Pickup Tube/Condenser Line	 **Part # 4227** Metric - Imports	 **Part # 4026** #6 GM "Captured" Fitting O'Ring Ford Combination Valve Evaporator Manifold Oil Port Ford Expansion Valve	 **Part # 4226** Metric - Imports
 Part # 4195 Metric 7.4mm - Imports	 **Part # 4229** Metric - Asian - Imports	 **Part # 4228** Metric - Imports	 **Part # 4189** Ford 12 mm switchport - Metric (cycling pressure switch)

O'Rings

All O'Rings are actual size

All O'Rings are High Temperature Green HNBR

 Part # 4214 Metric - Asian - Compressor Manifold	 **Part # 4240** Diesel Kiki DK515CH Pressure Relief Valve	 **Part # 4225** Ford Hose Fitting - 3/8 #6 Peanut	 **Part # 4190** #6 ATCO Compression Fitting Chrysler 6C17 Pressure Relief Valve Ford Clutch Cycling Pressure Switch GM A6/R4 Pressure Relief Valve GM V5 Control Valve (Inside) Sanden SD7B10 Oil Plug/Service Port Toyota Pressure Switch York 206/210 Oil Plug
 Part # 4199 Metric 9mm - Imports	 **Part # 4171** #8 Metric - Dual O'Ring	 **Part # 4088** GM & Asian Imports	 **Part # 4193** Metric O'Ring for Ford #8 Spring Lock Coupler
 Part # 4196 Metric #8 GM Captured O'Ring	 **Part # 4038** #8 GM "Dual" Fitting O'Ring (1/2")	 **Part # 4234** Ford Hose Fitting - 1/2 #8 Peanut	 **Part # 4008** #8 Hose Fitting GM V5 Control Valve (Inside Center) Ford #8 Springlock Fitting Nissan #12 Hose Fitting and Condenser Discharge Line Toyota Discharge Line
 Part # 4028 #8 GM "Captured" Fitting O'Ring	 **Part # 4087** Metric - Imports	 **Part # 4201** Metric 10.7mm - Imports	 **Part # 4238** Diesel Kiki DKS16H Oil Fill Plug Hitachi A5000/MJS170 Suction/Discharge Valve
 Part # 4172 #10 Metric - Dual O'Ring	 **Part # 4187** Metric Captive O'Ring - Nissan, Calsonic	 **Part # 4040** #10 GM "Dual" Fitting O'Ring (5/8")	 **Part # 4002** ATCO #8 Compression Fitting

O'Rings

All O'Rings are actual size

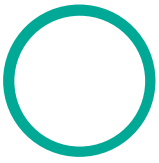
All O'Rings are High Temperature Green HNBR

Part # 4210 Use with Chrysler Gasket # 4128	**Part # 4242** Matsushita S1150X3 Sensor Housing	**Part # 4218** Nissan Condenser Liquid Line VIR Sightglass Mitsubishi FX80 Discharge Port	**Part # 4191** Metric 13.1mm Imports
Part # 4194 Metric O'Ring for Ford #10 Spring Lock Coupler	**Part # 4197** Metric #10 GM "Captured" O'Ring	**Part # 4248** Ford Hose Fitting - 5/8" #10 Peanut	**Part # 4239** Metric - Imports
Part # 4205 Metric 14mm, Mitsubishi Compressor	**Part # 4089** Metric Chrysler	**Part # 4010** #10 Hose Fitting Ford #10 Springlock O'Ring Nissan Evaporator Suction Line Sanden TR70 Suction Port Toyota Suction Line	**Part # 4030** #10 GM "Captured" Fitting O'Ring Matsushita S1150X3 Carbon Shaft Seal
Part # 4219 Metric - Imports	**Part # 4096** GM & Asian Imports	**Part # 4213** Use with Chrysler Gasket # 4133	**Part # 4173** #12 Metric - "Dual" O'Ring
Part # 4203 Metric "Captive" O'Ring - Nissan, Calsonic, Honda	**Part # 4211** Metric - Asian - Compressor Manifold Use with Chrysler Gasket # 4129	**Part # 4237** Nippondenso TV10CA Carbon Seal	**Part # 4215** Nissan Compressor Discharge Flange

O'Rings

All O'Rings are actual size

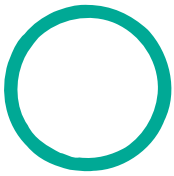
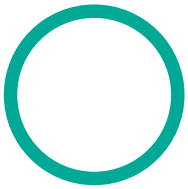
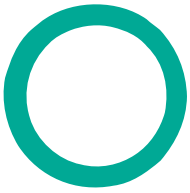
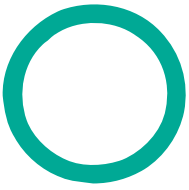
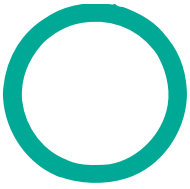
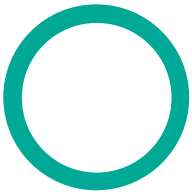
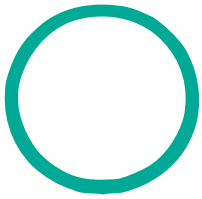
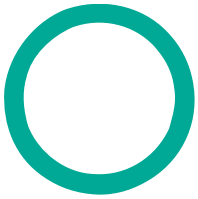
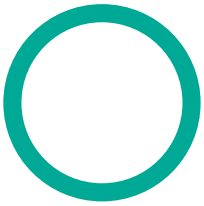
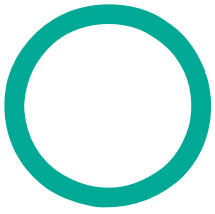
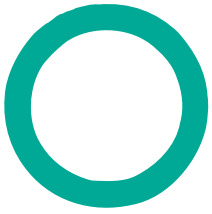
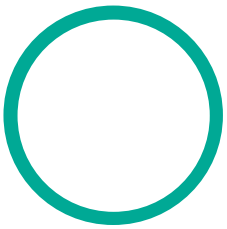
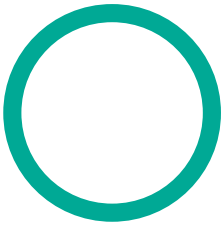
All O'Rings are High Temperature Green HNBR

 Part # 4042 #12 GM "Dual" Fitting O'Ring ATCO #10 Compression Fitting Nissan Suction/Discharge (York Reciprocating Compressor)	 **Part # 4032** #12 GM "Captured" Fitting O'Ring Chrysler A590/C171 Carbon Shaft Seal Diesel Kiki DKS13G Carbon Shaft Seal Ford FS6 Carbon Shaft Seal GM A6/R4 Carbon Shaft Seal Nihon DKV14C Carbon Seal Mitsubishi FX80 Suction Port	 **Part # 4204** Metric "Captive" O'Ring - Nippondenso Compressor - Nissan, Calsonic, Honda	 **Part # 4097** Metric - Asian Imports
 Part # 4093 Metric - Asian Imports	 **Part # 4241** Ford Hose Fitting - 3/4" #12 Peanut	 **Part # 4198** Metric O'Ring for Ford #12 Spring Lock Coupler	 **Part # 4095** Metric - Asian Imports
 Part # 4091 Metric - Imports	 **Part # 4243** Chrysler	 **Part # 4090** Metric - Chrysler & Imports	 **Part # 4220** Mercedes w/Tabs
 Part # 4094 Metric - Chrysler & Asian Imports	 **Part # 4012** #12 Hose Fitting Ford #12 Springlock O'Ring GM V5 Control Valve (outside center) VIR Expansion Valve (lower) VIR Expansion Valve Outlet VIR Compressor Suction Line Connection	 **Part # 4230** Diesel Kiki DKS16H Carbon Shaft Seal Hitachi Service Valve Keihin 150L/150R Carbon Shaft Seal/Suction Port Mitsubishi FX105V Sensor Sanden TR90 Discharge Port Sanden Pad Mount Discharge	 **Part # 4176** Volvo Metric
 Part # 4202 Metric 16.9mm Nippondenso Compressor	 **Part # 4216** Metric - Asian - Compressor Manifold	 **Part # 4086** Metric - Chrysler & Asian Imports	 **Part # 4175** Metric 17mm

O'Rings

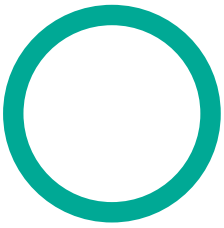
All O'Rings are actual size

All O'Rings are High Temperature Green HNBR

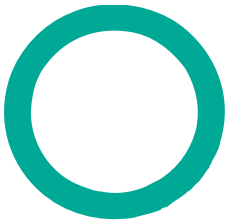
 **Part # 4004** ATCO #12 Compression Fitting	 **Part # 4232** Diesel Kiki DKS15BH/DKS15CH Discharge Port GM V5 Control Valve (outside) Behr Bosch Carbon Shaft Seal Nihon DKV14B Carbon Shaft Seal Sanden TR105 Discharge Port	 **Part # 4168** Chrysler Expansion Valve	 **Part # 4246** Metric - Imports
 **Part # 4078** Oval O'Ring Ford FS6 Suction/Discharge Port	 **Part # 4233** Hitachi SWP123/SWP167 Service Valve Nippondenso 6P148 Suction/Discharge Port Sanden TR90 Suction Port Sanden Pad Mount Suction	 **Part # 4245** Matsushita S1150X3 Sensor/NL1300AA4 Metal Seat	 **Part # 4170** Chrysler A590/C171 Suction/Discharge Port Ford FS6 Suction/Discharge Port Nippondenso 6P127A/6P127B/6E171A/ 6P134/10P13/10P15 Suction/Discharge Port
 **Part # 4209** Metric 19.8mm, Diesel Kiki	 **Part # 4082** Chrysler EPR-ETR Ford Combination Valve STV Ford Expansion Valve	 **Part # 4235** Diesel Kiki DKS15BH/DKS13G Suction Port Ford Combination Valve Evaporator Manifold to STV Manifold Ford Expansion Valve Mitsubishi FX105V Metal Shaft Seal Seat Sanden TR105 Suction Port	 **Part # 4207** Sanden shaft seal seat. Diesel Kiki
 **Part # 4050** Chrysler 6C17 Switch Port GM Superheat/Pressure Switch Port	 **Part # 4043** Chrysler 6C17 Lip Seal GM A6/DA6/HR6/HR6HE/R4/V5 Suction/Discharge Port Nippondenso Lip Seal For 10PO8E/10PA15/10PA17/10PA20 Nissan Hose Manifold to York Rotary Compressor	 **Part # 4179** GM & Imports	 **Part # 4247** Metric - Imports

All O'Rings are actual size

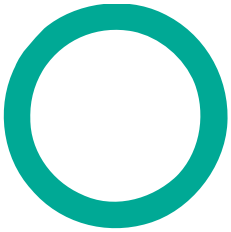
All O'Rings are
High Temperature Green HNBR



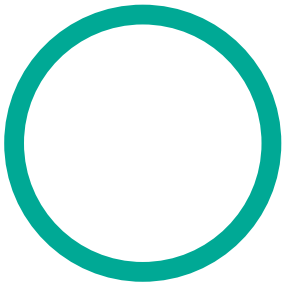
Part # 4178
Sanden shaft seal seat



Part # 4044
Chrysler Expansion Valve



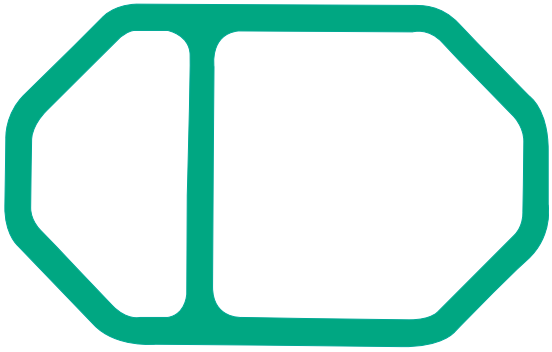
Part # 4045
Oval O'Ring
GM Suction/Discharge Port



Part # 4177
GM Compressor shaft seal seat

Part # 4250
Toyota10P15C, Nippondenso 10PA17,
10PA20, Suction/Discharge Manifold Gasket

Part # 4252
Nippondenso 10P13C/10P15C
Manifold Gasket



Part # 4253
Gasket - Nippondenso 10PA15, Mercedes

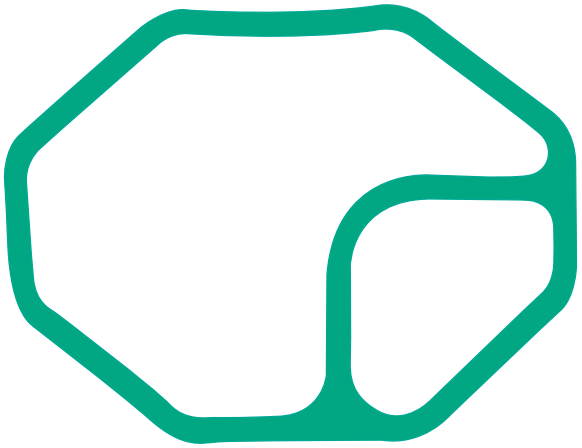
O'Rings & Gaskets

All O'Rings & Gaskets are actual size

All O'Rings & Gaskets are High Temperature Green HNBR

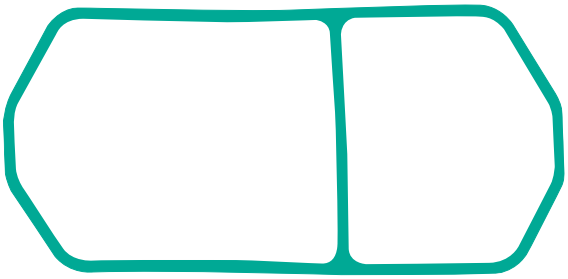
Part # 4254

Gasket - Nippondenso 10PA17



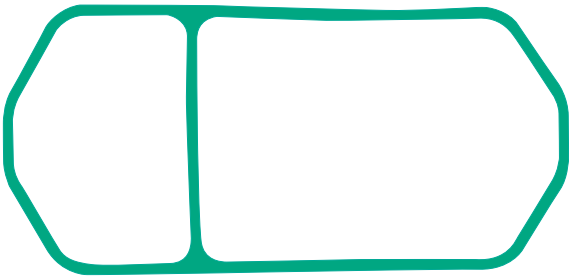
Part # 4255

Gasket - Matsushita NL1300 series, Panasonic



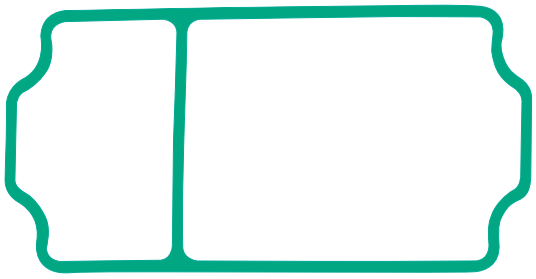
Part # 4256

Gasket - Matsushita NL1301 series, Panasonic



Part # 4258

Gasket - Matsushita, Panasonic SA series



Pro-Series O'Ring Assortment

Part # 4420

Refer to Page 39 for Details

Chrysler Sealing Washers

Part # 4053
Chrysler Sealing Washer - Sanden Discharge Port

Part # 4054
Chrysler Sealing Washer - Sanden Suction Port

GM Sealing Washers

"All Sealing Washers shown not Actual Size".

Part # 4060

Color	Black
Thickness	3.0 mm
Outside Diameter	27.9 mm
Inside Diameter	15.5 mm

Part # 4061

Color	Silver
Thickness	1.3 mm
Outside Diameter	31.5 mm
Inside Diameter	17.5 mm

Part # 4062

Color	Silver
Thickness	1.2 mm
Outside Diameter	27.9 mm
Inside Diameter	15.5 mm

Part # 4063

Color	Green
Thickness	5.5 mm
Outside Diameter	29.9 mm
Inside Diameter	15.5 mm

Part # 4064

Color	Red
Thickness	3.8 mm
Outside Diameter	29.9 mm
Inside Diameter	15.5 mm

Part # 4065

Color	Yellow
Thickness	3.0 mm
Outside Diameter	33.2 mm
Inside Diameter	15.5 mm

Part # 4066

Color	Silver
Thickness	1.2 mm
Outside Diameter	23.6 mm
Inside Diameter	15.5 mm

Part # 4070
GM Sealing Washer Insert
GM Long Manifold Pilot Washer Insert

Part # 4071
Sealing Washer Insert
GM V5 Short Manifold Pilot Washer Insert ('88-'91)

GM Block Fitting Sealing Washers - Slim Line

Part # 4072

Thickness	1.3 mm
Outside Diameter	16.1 mm
Inside Diameter	8.1 mm

Part # 4073

Thickness	1.3 mm
Outside Diameter	19.0 mm
Inside Diameter	11.1 mm

Part # 4074

Thickness	1.3 mm
Outside Diameter	23.6 mm
Inside Diameter	15.5 mm

Part # 4075

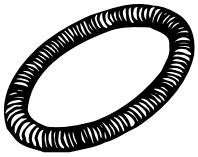
Thickness	1.3 mm
Outside Diameter	25.1 mm
Inside Diameter	17.2 mm

Service Items

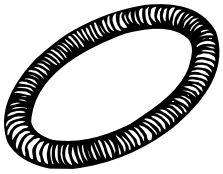
Garter Springs For Ford Spring Lock Couplers

Part # 4116
#6 Ford Coupling Garter Spring

Part # 4118
#8 Ford Coupling Garter Spring



Part # 4120
#10 Ford Coupling Garter Spring



Part # 4122
#12 Ford Coupling Garter Spring

Gaskets

Part # 4015
York/Tecumseh Gasket

Part # 4016
York/Tecumseh Lathe Cut Flange Seal

Part # 4017
York/Tecumseh Lathe Cut Seal

Part # 4018
York/Tecumseh Teflon Rotolock Seal

Chrysler Metal Gaskets

Gaskets shown are not actual size

Part # 4128
Dodge Truck Compressor Gasket Use with FJC #4210 O'ring

Part # 4129
Dodge Truck Compressor Gasket Use with FJC #4211 O'ring

Part # 4132
Chrysler 3/8" Drier/ Liquid Line Metal Gasket Use with FJC #4080 O'ring

Part # 4133
Chrysler 5/8" Hose Fitting Metal Gasket Use with FJC #4213 O'ring

Part # 4162
Metal Gasket Chrysler Bottle Block (.377"-9.6mm Pilot Bolt Hole)

Part # 4158
Metal Gasket Chrysler Receiver Drier (.437" 11.1mm Pilot Bolt Hole)

Part # 4160
Metal Gasket Chrysler Suction Line Flange

Part # 4130
Metal Gasket Chrysler RV2 Suction Port

Part # 4142
Metal Gasket Chrysler 6C17 Discharge Port

Part # 4143
Metal Gasket Chrysler 6C17 Suction Port

Part # 4131
Metal Gasket Chrysler RV2 Discharge Port

Part # 4150
Metal Gasket Chrysler Manifold to Expansion Valve

Part # 4151
Metal Gasket Chrysler Condenser Manifold

Part # 4154
Metal Gasket Chrysler TXV to Evaporator (gold valve)

Part # 4166
Metal Gasket Chrysler TXV to Evaporator (gold to black valve)

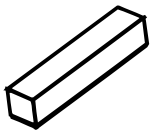
Part # 4140
Metal Gasket Chrysler A590/C171 Suction/Discharge Port

Part # 4144
Metal Gasket Chrysler Suction Line

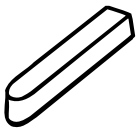
Service Items

Service Parts

Parts shown are not actual size

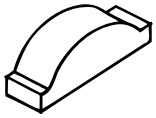


Part # 4319
Shaft Key
GM A6/R4

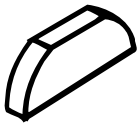


Part # 4317
Shaft Key Long
A590/C171/
FS6/Nippondenso

Part # 4318
Shaft Key Short
6C17/10P's

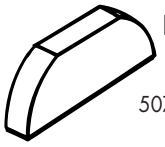


Part # 4324
Shaft Key
York/Tecumseh

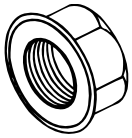


Part # 4315
Shaft Key
Keihen 150L/15R
Chrysler RV2

Part # 4320
Shaft Key
SD 505(mini)/708/709

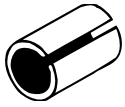


Part # 4321
Shaft Key
Sanden
507/508/510 (large)



Part # 4328
GM A6/R4
Flanged Hub Locknut

Part # 4325
Ford .395 FX15
Mounting Bushing



Part # 4326
Ford .595 FX15
Mounting Bushing

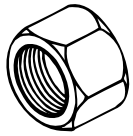
Part # 4307
Clutch Shim .005
Keihen 150L/150R

Part # 4308
Clutch Shim .015
Nippondenso
10P17/10PA/FX15/
SS170PSS/
TY12/TY14C

Part # 4312
Clutch Shim -.010
TR70

Part # 4305
Clutch Shim .008
10PA/10PO8E/A590/
C171/DKS16H/FS6/HR980

Part # 4306
Clutch Shim .020
A590/C171/DKS16H/
FS6/10PA/10PO8E



Part # 4327
A590/C171/FS6/
6P127A,B/
6P34/10PO8E/
HR980 Clutch Nut

Part # 4034
#8 Dual Fitting Gasket

Part # 4035
#10 Dual Fitting Gasket

Part # 4036
#12 Dual Fitting Gasket

Part # 4346
6C17/FX15/
GM Retaining Ring

Part # 4345
GM Clutch Hub
Retaining Ring

Part # 4335
C171 Clutch Washer

Assortments

Keyway & Nut Assortment

Part # 4302

Kit Contains:

5 **Part # 4315**
5 **Part # 4317**
5 **Part # 4318**
5 **Part # 4319**
5 **Part # 4320**
5 **Part # 4321**
5 **Part # 4324**
3 **Part # 4327**
2 **Part # 4328**
5 **Part # 4335**
5 **Part # 4345**
5 **Part # 4346**

Shim Assortment

Part # 4303

Kit Contains:

5 **Part # 4305**
5 **Part # 4306**
5 **Part # 4307**
5 **Part # 4308**
5 **Part # 4312**
2 **Part # 4325**
2 **Part # 4326**

Vehicle Specific O'Ring Application Guide

O'Ring Packs For Individual Vehicles

- Each pack contains O'Rings and seals needed to service the air conditioning system for the vehicle listed.
- Saves time by not having to search for each O'Ring.

*** See O'Ring Pack Assortments Page 59****

Vehicle	Years	Part No.
Acura		
All	05-94	4732
	93-86	4733
Audi		
All	05-94	4702
	93-75	4701
BMW		
All	05-86	4702
	85-74	4701
Buick		
Century	05-97	4610
	96-87	4625
	86-76	4608
Electra	90-89	4625
	88-76	4608
Estate Wagon	96-94	4625
	93-87	4609
	86-76	4608
LeSabre	05-92	4609
	91-89	4625
	88-76	4608
Park Avenue	05-92	4609
	91	4625
Rainer	05-04	4612
Reatta	91-88	4609

Vehicle	Years	Part No.
Buick		
Regal	05-97	4610
	96-82	4625
	81-76	4608
Rendezvous	05-02	4628
Riviera	99-89	4609
	87-76	4625
Roadmaster	96-91	4625
Skyhawk	89-76	4625
Skylark	98-92	4609
	91-85	4625
	84-76	4608
Somerset	87-85	4625
Cadillac		
Allante	93-87	4609
Cimarron	88-82	4625
DeVille	05-87	4609
	86-76	4608
Eldorado	03-88	4609
	87-76	4625
Escalade	05-00	4628
	99	4625

Continued on next page

Vehicle Specific O'Ring Application Guide

Vehicle	Years	Part No.
Cadillac		
Fleetwood	96-87	4609
	86-76	4608
Fleetwood Broughham	92-87	4609
	86-76	4608
Seville	05-98	4610
	97-92	4609
	91-76	4625

Vehicle	Years	Part No.
Chevrolet		
Malibu	05-97	4628
	83-76	4625
Monte Carlo	05-95	4610
	88-78	4625
Nova	88-85	4716
	79-77	4625

Chevrolet		
Beretta	96-87	4625
Camaro	02-98	4628
	97-86	4625
	87-76	4625
Caprice	96-94	4625
	93-87	4609
	86-76	4608
Caprice Wagon	96-94	4625
	93-87	4609
	86-76	4608
Cavalier	05-95	4609
	94-82	4625
Cavalier Z98	98-95	4609
Celebrity	90-87	4625
	86-82	4608
Chevette	97-86	4625
Citation	85-80	4608
Corsica	96-87	4625
Corvette	05-97	4610
	96-88	4716
	87-77	4625
El Camino	87-77	4625
Impala	05-00	4610
	85-76	4608
Lumina	01-97	4610
	96-90	4625

Chevrolet Truck		
Astro	05-92	4626
	91-85	4625
Avalanche	05-02	4628
Blazer - Full Size / Suburban / Tahoe	05-00	4628
	99-92	4625
	91-76	4608
G Series Van	05-98	4612
	97-76	4625
Lumina APV	96-90	4625
Pickup - Full Size	05-99	4628
	98-92	4625
	91-76	4608
S 10 Blazer	05-92	4626
	91-83	4608
S 10 Pickup	05-92	4626
	91-82	4608
Suburban / Tahoe / Blazer - Full Size	05-00	4628
	99-92	4625
	91-76	4608
Tahoe / Blazer - Full Size / Suburban	05-00	4628
	99-92	4625
	91-76	4608
Trailblazer	05-02	4612
Venture	05-97	4628

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Vehicle Specific O'Ring Application Guide

Vehicle	Years	Part No.
Chrysler		
300 Series	05-99	4507
Cirrus	00-95	4507
Concorde	05-93	4507
Cordoba	83-78	4502
E Class	84-83	4502
Fifth Avenue	90-83	4502
Imperial	93-90	4505
	83-81	4502
LeBaron	95-91	4505
	90-77	4502
LHS	01-94	4507
New Yorker	96-89	4505
	88-78	4502
Newport	81-78	4502
Sebring	00-95	4507
Town & Country	05-01	4508
	00-96	4507
	95-89	4512
	88-84	4502

Dodge		
600	88-83	4502
Aries	89-81	4502
Avenger	00-95	4727
Colt	94-86	4727
Daytona	93-91	4505
	90-84	4502
Diplomat	89-78	4502
Dynasty	93-88	4505
Intrepid	05-93	4507
Lancer	89-85	4502
Neon	05-94	4512
Omni	90-80	4502
Shadow	94-92	4505
	91-87	4502
Sprit	95-93	4505
	92-89	4502
Stealth	96-91	4727
Stratus	05-95	4507

Vehicle	Years	Part No.
Dodge Truck		
Caravan	05-01	4508
	00-96	4507
	95-89	4512
	88-84	4502
Dakota	05-92	4524
	91-87	4502
Durango	05-98	4524
Pickup Full Size	05-94	4524
	93-92	4523
	91-81	4502
Van - Full Size	03-92	4525
	91-81	4502

Ford		
Aspire	97-94	4722
Contour	00-95	4577
Country Squire	05-86	4577
	85-81	4552

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See Page 59 for O'Ring Pack Assortments

Vehicle Specific O'Ring Application Guide

Vehicle	Years	Part No.
Ford		
Crown Victoria	05-86	4577
	85-80	4552
Escort	03-81	4576
EXP	88-82	4576
Focus	02-00	4576
LTD	86-81	4576
Mustang	05-82	4576
Probe	97-89	4577
Taurus	05-86	4577
Tempo	94-84	4577
Thunderbird	97-83	4577
Ford Truck		
Aerostar	97-86	4586
Bronco	96-82	4587
Bronco II	90-84	4576
E Series Van	05-83	4587
Escape	05-01	4586
Excursion	05-00	4587
Expedition	05-97	4587
Explorer	05-91	4586
F Series Pickup	05-82	4587
Ranger	05-91	4586
	90-83	4576
Windstar	03-95	4577
GMC Truck		
Caballero	87-78	4625
Envoy	05-02	4612
G Series Van	05-98	4612
	97-76	4625
Jimmy - Full Size Suburban / Yukon	05-00	4628
	99-92	4625
	91-76	4608
Pickup - Full Size	05-99	4628
	98-92	4625
	91-76	4608
S15 Jimmy	01-92	4626
	91-83	4608
S15 Pickup	05-92	4626
	91-82	4608
Safari Van	05-92	4626
	91-85	4625
Suburban / Jimmy Full Size / Yukon	05-00	4628
	99-92	4625
	91-76	4608
Yukon / Jimmy Full Size Suburban	05-00	4628
	99-92	4625
	91-77	4608
Honda		
All	05-94	4732
	93-74	4733
Infiniti		
All	05-86	4727
Jeep		
Cherokee	01-97	4538
	96-82	4539

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Vehicle Specific Application Guide

Vehicle	Years	Part No.
Jeep		
CJ Series	86-76	4539
Comanche	92-86	4539
Grand Cherokee	05-93	4537
Grand Wagoneer	91-85	4539
J Series - Pickup	88-83	4539
Liberty	05-02	4508
Wagoneer	90-81	4539
Wrangler	05-97	4538
	96-87	4539
Lexus		
All	05-94	4717
	93-91	4716
Lincoln		
Aviator	05-03	4587
Blackwood	02	4587
Continental	02-81	4577
LS	05-00	4577
Mark Series	98-81	4577
Navigator	05-98	4587
Town Car	05-86	4577
	85-81	4552
Mazda		
All - Except for Navajo & Pickup	05-75	4722
Navajo	94-91	4586
Pickup	05-94	4586
	93-72	4722

Vehicle	Years	Part No.
Mercedes		
All	05-75	4709
Mercury		
Bobcat	95-90	4577
Cougar	97-82	4577
Grand Marquis	05-86	4577
	85-80	4552
Lynx	87-82	4576
Marquis	86-81	4576
Mountaineer	05-97	4586
Mystique	00-95	4577
Sable	05-86	4577
Topaz	94-84	4577
Tracer	99-88	4576
Villager	02-93	4577
Mitsubishi		
All	05-83	4727
Nissan		
All except for Quest	05-94	4727
	93-75	4701
Quest	05-93	4577
Oldsmobile		
88 Royale	99-92	4609
	91-89	4625
98 Regency	99-92	4609
	91-89	4625
	88-76	4608
Achieva	98-92	4609

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Vehicle Specific O'Ring Application Guide

Vehicle	Years	Part No.
Oldsmobile		
Alero	05-99	4610
Aurora	05-95	4610
Bravada	05-92	4626
	91	4608
Calais	91-85	4625
Ciera	96-87	4625
	86-82	4608
Custom Cruiser	94-94	4625
	93-87	4609
	86-76	4608
Cutlass/Cutlass Supreme	99-93	4610
	92-76	4625
Delta 88/Royale	89-86	4625
	85-76	4608
Firenza	88-82	4625
Intrigue	02-98	4610
LSS	99-96	4609
Omega	84-76	4608
Silhouette	04-90	4625
Toronado	92-88	4609
	87-76	4625

Vehicle	Years	Part No.
Plymouth		
Acclaim	95-93	4505
	92-89	4502
Breeze	00-96	4507
Caravelle	88-85	4502
Grand Fury	89-80	4502
Horizon	90-80	4502
Reliant	89-80	4502

Vehicle	Years	Part No.
Plymouth		
Sundance	94-92	4505
	91-87	4502
Voyager/Grand Voyager	05-01	4508
	00-96	4507
	95-89	4512
	88-84	4502

Pontiac		
6000	91-87	4625
	86-82	4608
Bonneville	05-92	4609
	91-89	4625
	88-76	4608
Fiero	88-84	4625
Firebird	02-98	4628
	97-86	4625
	85-76	4608
Grand Am	05-85	4625
	80-77	4608
Grand Prix	05-88	4610
	87-76	4608
LeMans	93-77	4608
Montana	05-99	4626
Parisienne	86-80	4608
Phoenix	84-77	4608
Safari	89-87	4609
Sunbird	94-85	4625
	80-76	4608
Sunfire	05-95	4609
T1000/1000	87-81	4608
Tempest	89-83	4608
Trans Sport	98-90	4625

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Vehicle Specific O'Ring Application Guide

Vehicle	Years	Part No.
Saturn		
All	05-99	4635
Toyota		
All	05-94	4717
	93-75	4716
Volkswagon		
All	05-94	4702
	94-75	4701

Vehicle Specific O'Ring Pack Assortment

Part # 4790

Kit Contains:

- Complete Coverage of Individual Vehicle Specific O'Ring Packs
- 33 Total Part Numbers
- Bin Boxes

Part # 4790 - Master Assortment
Contains: 33 Part Numbers

Part # 4792 - Chrysler Assortment
Contains: 11 Part Numbers

Part # 4796 - Ford Assortment
Contains: 6 Part Numbers

Part # 4798 - GM Assortment
Contains: 10 Part Numbers

Part # 4799 - Import Assortment
Contains: 11 Part Numbers

New

O'Ring Wall Chart Included

Retrofit Kits

Basic Retrofit Kit

Ester Oil Kit

Part # 2538

Kit Contains:

- 8 ounces of Estercool™ Oil.
- Retrofit Decal.
- High & Low Side R134a Service Port Adapters 2602, 2603, 2604.
- High & Low Side R134a Service Port Caps.

PAG Oil Kit

Part # 2538P

Kit Contains:

- 8 ounces of FJC Universal PAG Oil.
- Retrofit Decal.
- High & Low Side R134a Service Port Adapters 2602, 2603, 2604.
- High & Low Side R134a Service Port Caps.

Part #	Application
2538 2538P	These Retrofit Kits will fit virtually all cars, light trucks, vans, heavy duty trucks, agricultural, and off road equipment using a mobile air conditioning type system. Depending on the type and condition of the system, retrofitting may require additional parts not contained in this kit.

FJC Master Retrofit Kit

Part # 2518

- Contains the parts and instructions necessary to retrofit virtually any R12 system to R134a.
- Was created through an advanced research and development program.
- The retrofitted system using R134a should perform as well as the R12 system.

Kit Contains:

1 Part # 2032 - FJC A/C Flush Solvent
1 Part # 2408 - 8 oz. Estercool™ Oil
1 Part # 2602 - R134a Service Port Low Side
1 Part # 2603 - R134a Service Port High Side
1 Part # 2604 - R134a Service Port High Side
1 Part # 2614 - R134a Service Port Cap
1 Part # 2615 - R134a Service Port Cap
1 Part # 2687 - Retrofit Decal
1 Part # 2815 Step-By-Step Instruction Manual "A Guide To Retrofitting"

Application
This Retrofit Kit will fit virtually all cars, light trucks, vans, heavy duty trucks, agricultural, and off road equipment using a mobile air conditioning type system. Depending on the type and condition of the system, retrofitting may require additional parts not contained in this kit.

Retrofit Kits

Part #	Application
2530	These Retrofit Kits will fit virtually all cars, light trucks, vans, heavy duty trucks, agricultural, and off road equipment using a mobile air conditioning type system. Contains adapters: Part # 2602, 2603, 2604

Includes:

- 8 ounces of Estercool™ Oil
- Step-By-Step Instruction Manual: "A Guide to Retrofitting"
- Retrofit Decal
- High & Low Side R134a Service Port Adapters
- High & Low Side R134a Service Port Caps

Retrofit Products

R134a Service Port Adapters

Note:
2007 Design
is Steel Fitting
with Valve Core

Straight Low Side
1/4" Flare (7/16" SAE)

Part # 2602
Use cap #2614

Straight High Side
3/16" Flare (3/8" SAE)

Part # 2603
Use cap #2615

Straight High Side
1/4" Flare (7/16" SAE)

Part # 2604
Use cap #2615

Straight
High Side 2 Piece GM

Part # 2606
Use cap #2615

90° Low Side
1/4" Flare (7/16" SAE)

Part # 2632
Use cap #2614

90° High Side
3/16" Flare (3/8" SAE)

Part # 2633
Use cap #2615

90° High Side
1/4" Flare (7/16" SAE)

Part # 2634
Use cap #2615

- R134a service port adapters will adapt existing R12 service ports to R134a service ports.
- Will accept standard R134a Quick Couplers used with R134a manifold gauge sets.
- Use when retrofitting from R12 to R134a.
- R134a service port adapters meet SAE J639 standards.

Note: When using part #'s 2632, 2633 or 2634, remove original valve core prior to installing.

R12 & R134a Service Port Caps

Blue Low Side

15mm Fitting
8mm Threads
Part # 2614

Red High Side

17mm Fitting
8mm Threads
Part # 2615

R12 Service Port Termination Caps

1/4" Flare (7/16" SAE)
Part # 2618

3/16" Flare (3/8" SAE)
Part # 2620

High Pressure Shutoff Switch Assembly

Part # 3245

- Contacts open at 410 psi and close at 150 psi.
- Install on systems without a high pressure shut off switch to prevent damage from high head pressure and to comply with EPA regulations.
- Use Tee Adapter with 10mm switch port.
- Includes switch and connector w/ leads.
- Includes wiring instructions.
- Refer to "A Guide To Retrofitting" for the EPA Regulation.

NOTE: Use with R134a Tee Adapters
See Part # 2638 and # 2639 on page 62

Cycling Pressure Switches

Retrofit

R134a Compressor Clutch Cycling Pressure Switches

Part # 3225 (GM 1978 - 1993)

Part # 3227 (GM - CK Truck 1989 - 1993)

Part # 3238 (Ford 1981 - 1993)

- For use on systems which have been retrofitted from R12 to R134a.
- Replaces R12 cycling pressure switches.
- When retrofitting, these switches have a lower cycle off pressure to compensate for the difference between R12 and R134a.
- Use these switches as instructed by the "Guide to Retrofitting" Manual.

Part # 3225

Part # 3227

Part # 3238

Detail of
Part # 3227

R134a Retrofit Assortment

Part # 2665

- Contains the adapters necessary to retrofit virtually any mobile A/C system.
- Plastic 18 compartment tray with easy to read locator chart.
- Adapters meet SAE J639 specifications.

Kit Contains:

10 **Part # 2602**	3 **Part # 2606**	5 **Part # 2617**	1 **Part # 2632**	5 **Part # 2672**
5 **Part # 2603**	10 **Part # 2614**	3 **Part # 2618**	1 **Part # 2633**	3 **Part # 2673**
5 **Part # 2604**	10 **Part # 2615**	3 **Part # 2620**	1 **Part # 2634**	10 **Part # 2687**

R134a Retrofit Assortment

Part # 2662

- Contains adapters necessary to Retrofit mobile A/C systems.
- Adapters meet SAE J639 specifications.

Kit Contains:

6 **Part # 2602**	2 **Part # 2604**	6 **Part # 2614**	1 **Part # 2618**	5 **Part # 2672**
4 **Part # 2603**	1 **Part # 2606**	6 **Part # 2615**	1 **Part # 2620**	6 **Part # 2687**

R134a Tee Adapters

Low Side Tee Adapter
Low Side R134a Service Port w/ 1/4" Switch Port Fits 1/4" Flare (7/16" SAE) R12 Service Port
Part # 2635

High Side Tee Adapter
High Side R134a Service Port w/ 3/16" Switch Port Fits 3/16" Flare (3/8" SAE) R12 Service Port
Part # 2637

High Side Tee Adapter
High Side R134a Service Port w/ 10mm Switch Port Fits 1/4" Flare (7/16" SAE) R12 Service Port
Part # 2638

High Side Tee Adapter
High Side R134a Service Port w/ 10mm Switch Port Fits 3/16" Flare (3/8" SAE) R12 Service Port
Part # 2639

- Tee adapters should be used when there is only one high side or one low side service port on the vehicle and a switch port and service port are both needed for the R134a retrofitted system.
- Tee Adapters can be used when there is an existing high side or low side switch on the original R12 system or if it is necessary to install a high pressure shutoff switch on the system.

Retrofit Decal

Part # 2687
10 per pack

Install decal to inform anyone servicing the air conditioning system in the future that it has been retrofitted to R134a.

Retrofit Manual

"A Guide To Retrofitting"
Fourth Edition

Part # 2815

- Covers most vehicles from 1970 to present.
- R134a refrigerant capacities chart for retrofitting systems.
- Troubleshooting chart.
- Refrigerant oil capacities chart.

FJC Radiator Pressure Test Kit

Part # 43650

Use Pressure Pump with Adapters to Test Radiator & Cooling Systems

New

Use to test the following vehicles

Chrysler	Honda
Ford	Audi
GM	BMW
Mitsubishi	Mercedes Benz
Nissan	Jeep
Mazda	SAAB
Toyota	Volvo
Infiniti	VW
Lexus	

Note: Does not fit all years of all models of vehicles shown above

FJC Hand Vacuum Pump Brake and Clutch Bleeder Kit with Case

Part # 41250

New

* Bleed Brakes
* Bleed Hydraulic Clutch Systems
* Fluid Transfer System
* One Man Operation
* Quick and Easy

- Hand Held Vacuum Pump w/Gauge
- High Impact Durable Case
- Reservoir Bottle
- Universal Brake Bleeder Screw Adapter
- Vacuum Hose and Adapters

FJC Air Operated Brake Bleeder and Fluid Transfer

Part # 44320

New

- Bleed Brakes
- Bleed Clutch Systems
- Fluid Transfer System
- Operates with Standard Shop Air
- Variable Fluid Volumn Control

Contains:
- Air operated venturi Vacuum with Recovery Bottle
- 1/4" NPT Air Inlet
- Universal Brake Bleeder Screw Adapter

FJC Air Operated Brake and Clutch Bleeder Kit

Part # 44530

New

- Bleed Brakes
- Bleed Clutch Systems
- Fluid Transfer System
- One Man Opeation
- Operates with Standard Shop Air
- Variable Fluid Volumn Control

Contains:
- Air operated venturi Vacuum with Recovery Bottle
- Fluid Supply Bottle with Adapters
- 1/4" NPT Air Inlet
- Universal Brake Bleeder Screw Adapter

FJC Air Operated Brake and Clutch Bleeder Kit

Part # 44580

New

- Bleed Brakes
- Bleed Clutch Systems
- Fluid Transfer System
- One Man Opeation
- Operates with Standard Shop Air
- Variable Fluid Volumn Control

Contains:
- Air operated venturi Vacuum with Recovery Bottle
- Fluid Supply Bottle with Adapters
- 1/4" NPT Air Inlet
- Ubiversal Brake Bleeder Screw Adapter

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